IPC4

IPC4 KEYBOARDS

STEEL
MEMBRANE
TOUCHPAD
TRACKBALL.

ICC
Industrial Control Computer Communication Center

INDUSTRIAL KEYBOARD

IPC4-KBRD-D8601-EN

Durable Stainless Steel Keyboard for Challenging Conditions

Resisting tough conditions, the compact stainless steel keyboard conserves space with its 65 keys. It provides a satisfying touch experience due to its 1.8mm spaced keys featuring laser-written graphics. Suitable for kiosks and public areas, it has a dust, liquid, and vandalism-resistant (IP65) design. Crafted from 304 stainless steel, it can be tailored to various language layouts like English, Spanish, and German. A dependable option with a lifespan exceeding 5 years.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Front Panel IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OP ERATION	Direct Current 5 Volts ± 0.25
Current Op eration	≤50 mA
Peak Performance	0.15W
Electromagnetic	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 300mm x 110mm.
Transformation	1,2kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-D8601B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The compact keyboard features are designed for reliable use in harsh environments. The keys of the 65-key black keyboard are 1.8mm apart, have laser-etched graphics, and offer excellent tactile feedback. Made from 304 stainless steel, the vandal-proof casing is dust and liquid resistant (IP65), with available USB and PS/2 interface options. It can be customized to various language layouts including English, Spanish, German, Italian, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Front Panel IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤50 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 300mm x 110mm.
Transformation	1,2kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-D8656-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 65-key compact keyboard features a chassis specially crafted for rugged environments. Its vandal and dust-proof case (IP65), constructed from 304 stainless steel, is resistant to liquid exposure. The keys, with a 1.8mm spacing and laser-engraved graphics, provide a superior tactile experience. Designed for true panel mounting, it is well-suited for kiosks and various public area applications. The keyboard offers optional USB or PS/2 interfaces and can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Front Panel IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 270mm x 100mm
Transformation	1,0kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-50°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8602-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The sturdy construction of this small keyboard is designed for dependable operation in challenging conditions. Constructed from 304 stainless steel, the casing offers high resistance to vandalism and dust (IP65 standard) as well as protection against liquid exposure. The raised keys, spaced 2.0mm apart and featuring laser-etched symbols, provide a satisfying tactile response. Equipped with a built-in trackball and 65+2 keys, this keyboard facilitates navigation and enhances precision. Its true panel mounting makes it well-suited for kiosks and various public applications. The interface can be customized to USB or PS/2, with the option to select from different language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Electromagnetic	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8602-TR

Durable Stainless Steel Keyboard for Challenging Conditions

The sturdy construction of this small keyboard is designed for dependable operation in challenging conditions. Constructed from 304 stainless steel, the casing offers high resistance to vandalism and dust (IP65 standard) as well as protection against liquid exposure. The raised keys, spaced 2.0mm apart and featuring laser-etched symbols, provide a satisfying tactile response. Equipped with a built-in trackball and 65+2 keys, this keyboard facilitates navigation and enhances precision. Its true panel mounting makes it well-suited for kiosks and various public applications. The interface can be customized to USB or PS/2, with the option to select from different language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	Turkish
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Electromagnetic	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 65°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8602B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The compact, 65+2 key black keyboard features a sturdy chassis designed for reliable use in challenging environments. Constructed from 304 stainless steel, the case is both dust and liquid proof (IP65) and highly vandal-resistant. The keys, which protrude with a 2.0mm spacing and have laser-written graphics, offer exceptional tactile feedback. Equipped with an integrated trackball, it enhances user navigation and control. Designed for true panel mounting, it is well-suited for kiosks and various public area applications. The keyboard offers optional USB or PS/2 interfaces and can be customized to support different language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Electromagnetic	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8602B-TR

Durable Stainless Steel Keyboard for Challenging Conditions

The compact, 65+2 key black keyboard features a sturdy chassis designed for reliable use in challenging environments. Constructed from 304 stainless steel, the case is both dust and liquid proof (IP65) and highly vandal-resistant. The keys, which protrude with a 2.0mm spacing and have laser-written graphics, offer exceptional tactile feedback. Equipped with an integrated trackball, it enhances user navigation and control. Designed for true panel mounting, it is well-suited for kiosks and various public area applications. The keyboard offers optional USB or PS/2 interfaces and can be customized to support different language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	Turkish
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8607-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The robust frame of this small stainless steel keyboard is designed for dependable operation in tough conditions. The 304 stainless steel casing offers strong defense against dust and liquids (IP65) and is also vandal-resistant. Featuring 65+2 keys, keys with a 1.8mm travel distance and laser-etched symbols, it provides a great tactile experience. Equipped with a built-in touchpad and genuine panel mounting capabilities, it is perfect for kiosks and various public area applications. The optional USB or PS/2 interface can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,6kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-50°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8607B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The robust frame of this small stainless steel keyboard is designed for dependable operation in tough conditions. The 304 stainless steel casing offers strong defense against dust and liquids (IP65) and is also vandal-resistant. Featuring 65+2 keys, keys with a 1.8mm travel distance and laser-etched symbols, it provides a great tactile experience. Equipped with a built-in touchpad and genuine panel mounting capabilities, it is perfect for kiosks and various public area applications. The optional USB or PS/2 interface can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	2.0mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392mm x 110mm.
Transformation	1,6kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-50°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8635T-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The main feature of this compact 68-key keyboard is its built-in touchpad with rear panel mounting. Raised keys with a 1.8mm spacing and laser-etched graphics provide a great tactile experience. It is specially created for tough conditions, making it perfect for kiosks and other public area uses. The vandal and dust-resistant (IP65) case, constructed from 304 stainless steel, is also impervious to liquid exposure. The optional USB or PS/2 interface can be tailored to various language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 329.8mm x 99.8mm.
Transformation	1,5kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 55°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard with Touchpad and Backlight - English

Durable Stainless Steel Keyboard for Challenging Conditions

The durable 304 stainless steel casing of this compact keyboard with 65+3 keys is resistant to vandalism and is dust and liquid proof (IP65), making it perfect for secure use in challenging environments. The 1.8mm spaced keys with laser-engraved graphics provide a great tactile experience. Featuring an integrated touchpad, it is well-suited for kiosks and various public applications. The optional USB or PS/2 interface can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 329.8mm x 99.8mm.
Transformation	1,5kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 55°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8635T-B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The durable 304 stainless steel casing of this compact keyboard with 65+3 keys is resistant to vandalism and is dust and liquid proof (IP65), making it perfect for secure use in challenging environments. The 1.8mm spaced keys with laser-engraved graphics provide a great tactile experience. Featuring an integrated touchpad, it is well-suited for kiosks and various public applications. The optional USB or PS/2 interface can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 329.8mm x 99.8mm.
Transformation	1,5kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8635G-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The durable keyboard is crafted for dependable operation in tough conditions. Constructed from 304 stainless steel, it ensures high resistance to vandalism and protection against dust and liquids (IP65). Raised keys spaced 1.8mm apart and laser-etched symbols deliver a satisfying tactile experience. This 65+3 key keyboard, featuring a built-in 38mm trackball for mouse functionality, is perfect for public applications like kiosks. It connects through USB or PS/2 interface using two separate cables and includes left and right mouse buttons. It can be tailored to various language layouts.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 329.8mm x 99.8mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	36mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8635G-B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The durable keyboard is crafted for dependable operation in tough conditions. Constructed from 304 stainless steel, it ensures high resistance to vandalism and protection against dust and liquids (IP65). Raised keys spaced 1.8mm apart and laser-etched symbols deliver a satisfying tactile experience. This 65+3 key keyboard, featuring a built-in 38mm trackball for mouse functionality, is perfect for public applications like kiosks. It connects through USB or PS/2 interface using two separate cables and includes left and right mouse buttons. It can be tailored to various language layouts.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 329.8mm x 99.8mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	36mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8603-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The compact keyboard is specifically designed for dependable use in challenging environments. It conserves space with its 67-key (65+2) layout and is perfect for front panel installation and various applications in kiosks and public spaces. Its sturdy 304 stainless steel casing provides high resistance to vandalism and dust. It is also resilient to liquid exposure. Raised keys with a 1.8mm spacing and laser-etched symbols deliver exceptional tactile feedback. The optional USB or PS/2 interface can be tailored to various language configurations like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 400.0mm x 124.0mm
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8603B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The compact keyboard is specifically designed for dependable use in challenging environments. It conserves space with its 67-key (65+2) layout and is perfect for front panel installation and various applications in kiosks and public spaces. Its sturdy 304 stainless steel casing provides high resistance to vandalism and dust. It is also resilient to liquid exposure. Raised keys with a 1.8mm spacing and laser-etched symbols deliver exceptional tactile feedback. The optional USB or PS/2 interface can be tailored to various language configurations like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 400.0mm x 124.0mm
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8608-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 67-key (65+2) compact keyboard features a chassis specially crafted for dependable use in challenging conditions. Its vandal and dust-proof case (IP65), constructed from 304 stainless steel, is also resistant to liquid exposure. The keys, protruding with a 1.8mm spacing and laser-engraved graphics, deliver an exceptional tactile experience. The built-in touchpad simplifies cursor control for users and enhances navigation. Designed for front panel mounting, it is well-suited for kiosks and various public area applications. The keyboard offers optional USB or PS/2 interfaces and can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 400.0mm x 124.0mm
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TOUCHPAD	60 by 45 millimeters

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8608B-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 67-key (65+2) compact keyboard features a chassis specially crafted for dependable use in challenging conditions. Its vandal and dust-proof case (IP65), constructed from 304 stainless steel, is also resistant to liquid exposure. The keys, protruding with a 1.8mm spacing and laser-engraved graphics, deliver an exceptional tactile experience. The built-in touchpad simplifies cursor control for users and enhances navigation. Designed for front panel mounting, it is well-suited for kiosks and various public area applications. The keyboard offers optional USB or PS/2 interfaces and can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 400.0mm x 124.0mm
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TOUCHPAD	60 by 45 millimeters

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Type 8608 Desktop English

Durable Stainless Steel Keyboard for Challenging Conditions

The 67-key (65+2) compact keyboard features a chassis specially crafted for dependable operation in challenging conditions. Its vandal and dust-proof case (IP65), constructed from 304 stainless steel, is impervious to liquid exposure. The keys, protruding with a 1.8mm spacing and laser-engraved graphics, provide a superior tactile experience. Designed for front panel mounting, it is well-suited for kiosks and various public area applications. The optional USB or PS/2 interface can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	2N±3N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 400.0mm x 124.0mm x 25.0mm
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8605-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The chassis of this compact keyboard with 103+3 keys is specially designed for reliable use in harsh environments. The vandal and dust-proof case is made of 304 stainless steel (according to IP standards) and is resistant to liquid contact. The keys, with a 1.8mm distance and laser-written graphics, offer an excellent tactile feeling. Featuring true panel mounting, it is ideal for kiosks and other applications in public areas. Equipped with an integrated trackball, it facilitates navigation for users and provides enhanced control. The keyboard offers optional USB or PS/2 interface and can be customized to different language schemes such as English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 478.0mm x 135.0mm.
Transformation	2,2kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8605T-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 103+3 keys compact keyboard features a robust chassis designed for dependable operation in challenging conditions. Its vandal and dust-proof case is constructed from 304 stainless steel (compliant with IP standards) and is resistant to liquid exposure. The keys, spaced 1.8mm apart, display laser-written graphics for a superior tactile experience. Suitable for kiosks and various public area applications, it offers true panel mounting. The keyboard provides optional USB or PS/2 interfaces and can be tailored to different language layouts like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 478.0mm x 135.0mm.
Transformation	2,2kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8606G-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 89-key (86+3) compact keyboard features a chassis designed for reliable use in challenging environments. It is housed in a vandal and dust-proof casing constructed from 304 stainless steel, resistant to liquid contact. The keys protrude with a 1.8mm distance and have laser-written graphics for an excellent tactile feel. Ideal for kiosks and public areas, it offers true panel mounting. The integrated trackball enhances navigation and control for users. The keyboard can be customized with optional USB or PS/2 interfaces and different language schemes like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392.0mm x 135.0mm.
Transformation	2,0kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8606G-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 89-key (86+3) compact keyboard features a chassis designed for reliable use in challenging environments. It is housed in a vandal and dust-proof casing constructed from 304 stainless steel, resistant to liquid contact. The keys protrude with a 1.8mm distance and have laser-written graphics for an excellent tactile feel. Ideal for kiosks and public areas, it offers true panel mounting. The integrated trackball enhances navigation and control for users. The keyboard can be customized with optional USB or PS/2 interfaces and different language schemes like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392.0mm x 135.0mm.
Transformation	2,0kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TB-8606G-TR

Durable Stainless Steel Keyboard for Challenging Conditions

The 89-key (86+3) compact keyboard features a chassis designed for reliable use in challenging environments. It is housed in a vandal and dust-proof casing constructed from 304 stainless steel, resistant to liquid contact. The keys protrude with a 1.8mm distance and have laser-written graphics for an excellent tactile feel. Ideal for kiosks and public areas, it offers true panel mounting. The integrated trackball enhances navigation and control for users. The keyboard can be customized with optional USB or PS/2 interfaces and different language schemes like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	Turkish
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392.0mm x 135.0mm.
Transformation	2,0kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Table 8606 Desk English

Durable Stainless Steel Keyboard for Challenging Conditions

The compact 89-key (86+3) keyboard includes an integrated trackball and comes fully assembled. Its protruding keys, with a 1.8mm spacing and laser-written graphics, provide a satisfying tactile experience. This keyboard is specially crafted for tough environments like industrial settings. Encased in vandal and dust-proof 304 stainless steel, it is resilient against dust and liquids. Equipped with an integrated trackball, it enhances user navigation and control. Connecting to the computer via a USB interface, it features left and right mouse buttons and can be tailored to various language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection: IP65 Trackball Protection: IP54
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 420.0mm x 150.0mm x 35mm
Transformation	3,45kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8606T-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 89-key compact keyboard features a robust chassis designed for dependable performance in challenging conditions. Its vandal and dust-proof case (IP65), crafted from 304 stainless steel, is resistant to liquid exposure. The keys, spaced 1.8mm apart with laser-engraved graphics, provide a satisfying tactile experience. Suitable for kiosks and public settings, it offers true panel mounting. The keyboard offers optional USB or PS/2 interfaces and can be tailored to various language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 392.0mm x 135.0mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8611 Desk-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 89-key (86+3) keyboard with an integrated touchpad and desktop-style design is suitable for harsh environments. The vandal-proof and dust-proof (IP65) keyboard, constructed from 304 stainless steel, is resistant to liquid contact. The 1.8mm spaced keys with laser-engraved graphics provide a great tactile feel. The optional USB or PS/2 interface can be customized for various language schemes like English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 420.0mm x 155.0mm x 27.5mm
Transformation	3,0kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-D8625-EN

Durable Stainless Steel Keyboard for Challenging Conditions

The 103-key compact keyboard features a robust chassis designed for dependable performance in challenging conditions. Its vandal and dust-proof (IP65) case, constructed from 304 stainless steel, is resistant to liquid exposure. The keys, spaced 1.8mm apart and with laser-engraved graphics, provide a satisfying tactile experience. Suitable for kiosks and public settings, it offers true panel mounting. The keyboard offers optional USB or PS/2 interfaces and can be tailored to various language layouts including English, Spanish, German, Korean, and Arabic.

MECHANICAL DETAILS	
Size of the Key	Standard keys measure 14 x 14mm, the Enter key measures 14 x 28mm, and the Space key measures 14 x 110mm.
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	Keyboard Protection Level: IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 406mm x 135mm.
Transformation	1,8kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-Keyboard-Keypad-D8201F-Matrix /USB/PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed specifically to endure tough environmental conditions. It stands out due to its compact size and panel mounting feature, featuring 16 keys. Each key provides excellent tactile feedback with 0.45mm full path output and laser engraved graphics. Constructed from 304 stainless steel, this product boasts high vandal resistance and complies with IP65 standards, ensuring dust and liquid protection. It offers various interface options like USB, PS2, RS232, and Matrix, making it an excellent choice for kiosks and other public place applications. Moreover, it can be customized in different configurations, allowing users to easily adjust it to their requirements.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 28mm
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATING SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 100mm x 100mm.
Transformation	0,4kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

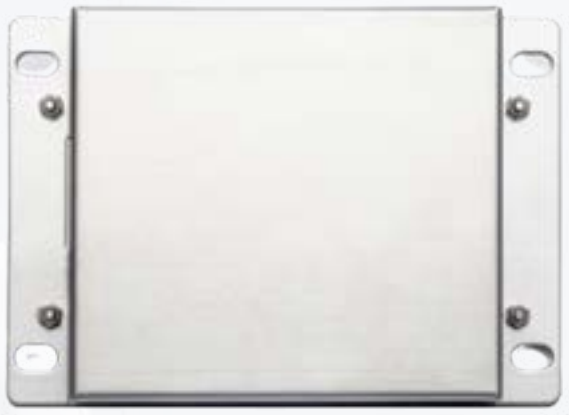
Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-Keyboard-Keypad-D8203-Matrix /USB/PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed specifically to endure tough environmental conditions. It stands out due to its compact size and panel mounting feature, featuring 16 keys. Each key provides excellent tactile feedback with 0.45mm full path output and laser engraved graphics. Constructed from 304 stainless steel, this product boasts high vandal resistance and complies with IP65 standards, ensuring dust and liquid protection. It offers various interface options like USB, PS2, RS232, and Matrix, making it an excellent choice for kiosks and other public place applications. Moreover, it can be customized in different configurations, allowing users to easily adjust it to their requirements.



MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATING SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	The panel dimensions are 87.5mm x 91.5mm.
Transformation	0,65kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Interface Module D8203B with Matrix / USB / PS2 / RS232 connectivity.

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed specifically to endure tough environmental conditions. It stands out due to its compact size and panel mounting feature, featuring 16 keys. Each key provides excellent tactile feedback with 0.45mm full path output and laser engraved graphics. Constructed from 304 stainless steel, this product boasts high vandal resistance and complies with IP65 standards, ensuring dust and liquid protection. It offers various interface options like USB, PS2, RS232, and Matrix, making it an excellent choice for kiosks and other public place applications. Moreover, it can be customized in different configurations, allowing users to easily adjust it to their requirements.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATING SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	The panel dimensions are 87.5mm x 91.5mm.
Transformation	0,65kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-Keyboard-Keypad-D8203K-Matrix/USB/PS2/RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed specifically to endure tough environmental conditions. It stands out due to its compact size and panel mounting feature, featuring 16 keys. Each key provides excellent tactile feedback with 0.45mm full path output and laser engraved graphics. Constructed from 304 stainless steel, this product boasts high vandal resistance and complies with IP65 standards, ensuring dust and liquid protection. It offers various interface options like USB, PS2, RS232, and Matrix, making it an excellent choice for kiosks and other public place applications. Moreover, it can be customized in different configurations, allowing users to easily adjust it to their requirements.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	The panel dimensions are 87.5mm x 91.5mm.
Transformation	0,45kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Interface Module D8204E Matrix with USB, PS2, and RS232 connectivity.

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed specifically to endure tough environmental conditions. It stands out due to its compact size and panel mounting feature, featuring 16 keys. Each key provides excellent tactile feedback with 0.45mm full path output and laser engraved graphics. Constructed from 304 stainless steel, this product boasts high vandal resistance and complies with IP65 standards, ensuring dust and liquid protection. It offers various interface options like USB, PS2, RS232, and Matrix, making it an excellent choice for kiosks and other public place applications. Moreover, it can be customized in different configurations, allowing users to easily adjust it to their requirements.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 28mm
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 100mm x 91.5mm.
Transformation	0,65kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Interface D8208 Matrix / USB/PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed for durability in challenging environments. It features a compact size and panel mounting, with 12 keys that provide tactile feedback, 0.45mm full path output, and laser engraved graphics. Constructed from 304 stainless steel, it offers high vandal resistance and complies with IP65 standards for dust and liquid protection. The keypad supports various interface options like USB, PS2, RS232, and Matrix, making it suitable for kiosks and public applications. Moreover, it can be personalized in different configurations to meet users' requirements.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 28mm
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 76.5mm x 92mm.
Transformation	0,4kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-Keyboard-Keypad-D8208A-Matrix /USB/PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed for durability in challenging environments. It features a compact size and panel mounting, with 12 keys that provide tactile feedback, 0.45mm full path output, and laser engraved graphics. Constructed from 304 stainless steel, it offers high vandal resistance and complies with IP65 standards for dust and liquid protection. The keypad supports various interface options like USB, PS2, RS232, and Matrix, making it suitable for kiosks and public applications. Moreover, it can be personalized in different configurations to meet users' requirements.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 76.5mm x 92mm.
Transformation	0,4kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard with Numpad D8208J Matrix USB PS2 RS232 BG

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is a numeric keypad designed for durability in challenging environments. It features a compact size and panel mounting, with 12 keys that provide tactile feedback, 0.45mm full path output, and laser engraved graphics. Constructed from 304 stainless steel, it offers high vandal resistance and complies with IP65 standards for dust and liquid protection. The keypad supports various interface options like USB, PS2, RS232, and Matrix, making it suitable for kiosks and public applications. Moreover, it can be personalized in different configurations to meet users' requirements.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 88mm x 102mm.
Transformation	0,4kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Interface Module with Matrix/USB/PS2/RS232/ BG.

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product's compact size and rear panel mounting feature make it stand out. It offers excellent tactile feedback with its 1.5 mm full-motion keys. Specifically designed to function in harsh environmental conditions, it is perfect for kiosks and other public space applications. Constructed from 304 stainless steel, it provides a high level of vandalism protection. With dust and liquid proof properties, it meets the IP65 standard. It comes with USB/PS2/RS232/MATRIX interface options and includes 12 keys. Customizable language layouts are available. Additionally, it features an LED backlight.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 68mm x 90mm.
Transformation	0,4kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4 Keyboard Interface Module - D8281 Matrix / USB / PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product draws attention with its 16 keys. The 1.5mm full-travel keys with laser-etched graphics provide excellent tactile feedback. It is specially designed to function in harsh environmental conditions, making it perfect for kiosks and other public space applications. Constructed from 304 stainless steel, it offers a high level of protection against vandalism, dust, and liquid, meeting the IP65 standard. Various interface options such as USB/PS2/RS232/MATRIX are available. It consists of 10 number keys and 6 function keys. Customizable language layouts are also possible. Additionally, it features an LED backlight.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 28mm
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	The panel dimensions are 116mm x 95mm.
Transformation	0,45kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-NTT-D87150-USB

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product is distinguished by its compact size and front panel mounting. The 0.5 mm full travel keys offer excellent tactile feedback. It is specially crafted to function in challenging environmental conditions, making it perfect for kiosks and other public space applications. Crafted from 304 stainless steel, it provides a high level of vandalism protection and is safeguarded against dust, explosions, and liquids, meeting IP68 standards. Equipped with a USB interface, it includes 16 keys. Customizable language layouts are available. Additionally, it features an LED backlight.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 28mm
DISTANCE BUTTON	0.5mm
Important Information	2~3 N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATING SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions are 100mm x 91.5mm.
Transformation	0,5kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-NTT-D87150-USB

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product's compact size, desktop design, and hanging hole make it eye-catching. The 1.8mm full-travel keys are laser engraved and provide excellent tactile feedback. Specifically designed to function in harsh environments, it is constructed from 304 stainless steel, making it highly vandal-resistant. With dust and liquid-proof properties, it offers USB/PS2/RS232/MATRIX/TTL interface options and includes 12 keys. Customizable language layouts are available, and backlighting is offered as an optional feature.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	90mm x 120mm x 25mm dimensions
Transformation	0,85kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-Keyboard-Keypad-D8210-Matrix /USB/PS2 / RS232

Working Safely Under Harsh Conditions: Combining Durability and Flexibility!

This product features 20 keys and rear panel mounting. The 0.45 mm full travel keys have etched graphics and provide excellent tactile feedback. It is designed for harsh environmental conditions, making it suitable for kiosks and other public space applications. Made of 304 stainless steel, it offers a high level of vandalism protection. Equipped with dust and liquid proof features, it complies with the IP54 standard. It offers USB or PS/2, Matrix, RS232 interface options. Customizable language layouts are available.

MECHANICAL DETAILS	
Size of the Key	14mm x 14mm, 14mm x 21mm
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	120 millimeters by 90 millimeters
Transformation	0,65kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TBM-D8302

Accurate Management in Every Situation: Continuous Functionality with Long-lasting Trackball

This product features a professionally finished mechanical trackball with a 38.0 mm diameter. Positioned at the top of the trackball are three mouse buttons that enable quick switching between web pages through left and right clicks. Specifically engineered to function effectively in challenging environmental conditions, the trackball is constructed from stainless steel, safeguarded against dust and moisture (IP54), and resilient to mechanical, chemical, and physical impacts. It offers a choice of USB or PS/2 interface. With mounting holes for easy installation on various equipment from the inside, it ensures a secure setup. Compatible with Windows and Linux operating systems.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Ball Tracker	38mm diameter, 800 dots per inch
SECURITY LEVEL	IP54 Front Panel Surface
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 50,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	83 millimeters by 110 millimeters
Transformation	0,65kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend
TRACKBALL	38mm Stainless Steel

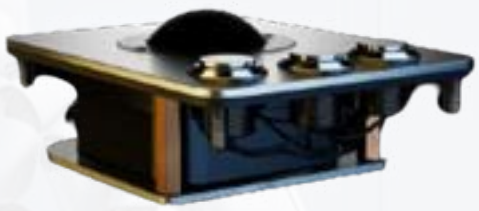
Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TBM-DS-36B

Accurate Management in Every Situation: Continuous Functionality with Long-lasting Trackball

This product features a professionally finished mechanical trackball with a 36 mm diameter. It includes three mouse buttons located at the top of the trackball for easy switching between web pages using left and right clicks. Specifically engineered to function in challenging environmental conditions, the trackball is constructed from resin that is dust and moisture resistant (IP54) and can withstand mechanical, chemical, and physical impacts. It offers a choice of USB or PS/2 interface. With mounting holes for secure internal installation on various equipment, it is compatible with Windows and Linux operating systems.



MECHANICAL DETAILS	
Size of the Key	1.8mm
Important Information	1.5N±0.2N
Ball Tracker	36mm diameter, 800 dots per inch
SECURITY LEVEL	IP54 Protection (Front Panel Surface)
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 50,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 77.8mm x 99.8mm
Transformation	0,45kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
TRACKBALL	36mm Stainless Steel

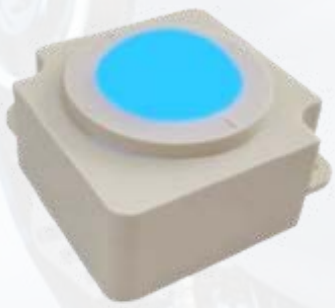
Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TBM-DS36A-36BL

Accurate Management in Every Situation: Continuous Functionality with Long-lasting Trackball

This product features a professionally finished mechanical resin trackball with a 36 mm diameter. It is designed to function effectively in challenging environmental conditions, being safeguarded against dust and moisture (IP54) and resilient to mechanical, chemical, and physical impacts. It offers a choice of USB or PS/2 interface. With mounting holes for easy installation on various equipment from the inside, ensuring a secure setup. Compatible with Windows and Linux operating systems, with the option of backlight available.



MECHANICAL DETAILS	
Ball Tracker	36mm diameter, 800 dots per inch
SECURITY LEVEL	IP54 Protection (Front Panel Surface)
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 50,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	The panel dimensions are 58.7mm x 58.7mm.
Transformation	0,2kg

MATERIAL	
Material Category	PLASTIC
TRACKBALL	36mm Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	96-hour duration as per the IEC 60512-6 guideline.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TPM-D8458

Accurate Management in Every Situation: Continuous Functionality with Long-lasting Trackball

This product provides rear panel mounting with its compact size and integrated touchpad. Two mouse buttons execute left and right click functions. Specifically engineered to function in severe environmental conditions, it is perfect for kiosks and other applications in public spaces. Constructed from 304 stainless steel, it offers a high level of vandalism protection. It comes with dust and liquid proof capabilities and complies with the IP65 standard. USB or PS/2 interface choices are offered.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	1.8mm
Important Information	1.5N±0.2N
Principal Conductor Route	Carbon Silicon Conductive Tablets
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	≤30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	83 millimeters by 110 millimeters
Transformation	0,45kg

MATERIAL	
Front Panel and Buttons	304 Stainless Steel

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat	At 40°C, the duration is 21 days, as per the
Examination	IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TPM-D8402

Accurate Management in Every Situation: Continuous Functionality with Long-lasting Trackball

This product is distinguished by its compact size with rear panel mounting and integrated touchpad. The 1.8mm full travel keys with laser engraved graphics provide excellent tactile feedback. Specifically engineered to function in challenging environmental conditions, it is well-suited for kiosks and other public space applications. Constructed from 304 stainless steel, it offers a high level of vandalism protection. It comes with dust, explosion, and liquid-proof features and complies with the IP65 standard. It offers USB or PS/2 interface options and includes left and right mouse buttons.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.45mm
Important Information	1.5N±0.2N
Principal Conductor Route	Metal Dome
SECURITY LEVEL	IP65
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts with a tolerance of ± 5%.
Current Operation	30 mA
Electromagnetic	EN 55032:2015, EN 55035:2017
Resolution of X/Y Position Detection	1000 dots per inch (40 dots per millimeter)
Location Reporting Update	Relative
Static Discharge	15 Kilovolts (personal panel)
INTERFACE	USB, PS/2
LIFE	>5 years
Speed Tracking	Maximum speed: 1.016 meters per second.

SİZE AND WEİGHT REDUCTİON	
Size Reduction	80mm by 80mm
Transformation	0.3 kg
TOUCHPAD	60 millimeters by 45 millimeters

MATERIAL	
Front Panel and Buttons	304 Stainless Steel
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL KEYBOARD

IPC4-KBRD-TP-8688-QRS-EN

Superior Performance in All Conditions with Membrane Structure: Ultra Durability, Maximum Flexibility

This product is distinguished by its integrated touchpad and panel mounting, compact size, and a total of 71 keys (69 keys + 2 mouse keys). The 0.3 mm full-travel keys offer an excellent user experience. Specifically designed to function in challenging environmental conditions, it is constructed from a combination of membrane and aluminum, making it highly vandal-proof. It comes with dust and liquid-proof features, and its surface complies with the IP68 waterproof standard. USB or PS/2 interface options are provided, along with left and right mouse buttons. Customizable language layouts are available.

MECHANICAL DETAILS	
Size of the Key	14 by 14 millimeters
DISTANCE BUTTON	0.4mm
Important Information	1.5N±0.2N
Principal Conductor Route	metal dome
SECURITY LEVEL	IP68 Protection
VANDALISM RESISTANCE	IK07
LIFE BUTTON	2 million copies
Mean Time Between Failures	> 20,000 seconds
Mean Time to Repair (MTTR)	< 30 minutes
LANGUAGE	English
OPERATİNG SYSTEMS	Windows, Linux, Unix, Mac, Android

ELECTRICAL INFORMATION	
VOLTAGE OPERATION	Direct Current 5 Volts ± 0.25
Current Operation	30 mA
Peak Performance	0.15W
Standards for Electromagnetic Compatibility	IEC 61000-3-2:2019
EMI	EN 55032:2015/AC:2016
EMS	EN 61000:2017
FCC	Lesson 15: 2010
SECURITY	EN 61000:2019, CE conformity
LIFE	>5 years

SİZE AND WEİGHT REDUCTİON	
Size Reduction	Front panel dimensions: 420mm x 145.0mm.
Transformation	1kg

MATERIAL	
Front Panel and Buttons	Membrane
REAR PANEL	Aluminum blend

Characteristics of the environment	
Temperature Range	-40°C and +70°C
Temperature for Storage	-40°C and +80°C
Humidity Level	%30-90
Basic Atmosphere	60-106kPa
Resistance to Salt Fog	100 hours as per the IEC 60512-6 standard.
Moisture Heat Examination	At 40°C, the duration is 21 days, as per the IEC 60512-6 standard.
TEST TUBE	At 85°C, the duration is 10 days, as per the IEC 60512-6 standard.

INDUSTRIAL COMPUTER CENTER

Established in 2017, ICC was founded with the vision of 'Industrial Computer Center' and is dedicated to delivering industrial PC products to its customers. It addresses Industry 4.0 requirements in the Turkish market by introducing its own brands IPC4, ECOIPC4, and IPC4PRO, alongside representing AAEON and IBASE. ICC offers tailored products and expert support to customers, specializing in industrial automation and IT solutions for sectors including automotive, iron and steel, machinery manufacturing, food, packaging, textile, rubber, and energy.

Providing services across Turkey from its offices in Istanbul, Bursa, Ankara, and Izmir, the company also operates from its offices in Plovdiv, Bulgaria, and Antwerp, Belgium, as part of its globalization efforts.

ICC Industrial Control Computer Communication Center

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