

StellarSpace

High-Performance General Purpose HMI



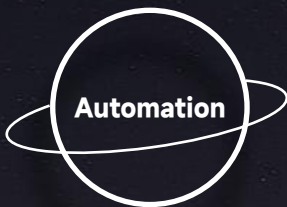
StellarSpace

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About StellarSpace

Since its inception, StellarSpace focus on general industrial areas, including automation, digitalization, and intelligence in the industrial sector.

We have variable cutting edge technologies covering hundreds of hardware products and software products, as well as multiple industrial solutions. We built leading level R&D capability for industrial automation products, including Program mable Logic Controllers (PLC), Drives, Motors, etc. We also produce other general industrial products. These solutions are extensively applied across light industry, heavy industry, high-end equipment manufacturing, and other applications. Our customer can be benifit from our smart, precise, and high efficiency industrail solutions, driving intelligent manufacturing while empowering industrial digital and intelligent transformation.



Adaptable to Diverse Industrial Application



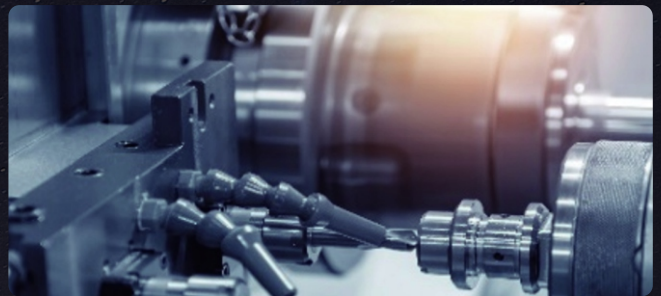
Healthcare



Food Processing



Logistic Processing



CNC Machine Tools



Water Treatment



Renewable Energy Production Lines



Electricity and Petroleum

FE6300 Series advanced IoT touch-screen

-Embrace the New Horizon of IoT-



FLink2 IoT Module



Dual-SIM capability with seamless switching

The new FLink2 IoT module supports both physical IoT cards and eSIMs, enabling flexible switching based on environmental needs. It offers multiple internet connectivity options with plug-and-play functionality, reducing deployment costs for IoT solutions.



4G Model



WiFi Model



4G+WiFi Model

Comprehensive Configuration Upgrade

Dual-core 1GHz ARM Cortex-A7, 4GB eMMC + 256MB DDR3



HD resolution



High brightness



Wide viewing angle



Multiple size options



High-performance CPU



Large-capacity storage

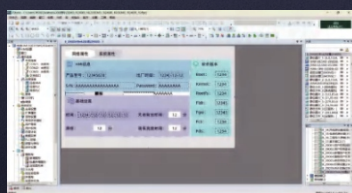


Software Upgrade, Independent Configuration

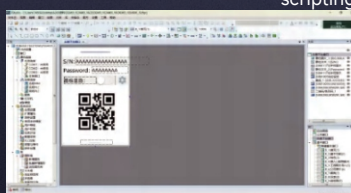
In FStudio configuration software:

1. Users can freely configure the primary network connection method
2. New interactive right-side dropdown window allowing customized content

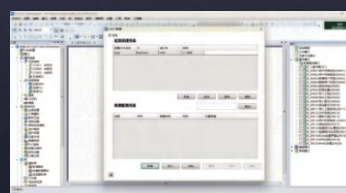
1. Supports local configuration of MQTT protocol
2. Enables easy data subscription/publishing without complex scripting



Ethernet, Wi-Fi, and 4G available



Support content editing of the right side pull-down menu customized definition



Supports MQTT subscription and publishing

FE6300 Series HMI

Model	FE6370C	FE6370CE
Display	7" 16:9 TFT LCD	
Resolution	800×480	
Color Depth	24-bit	
Brightness	350 cd/m ²	
Backlight	LED	
LCD Lifetime	50000 H	
Touch Panel	4-wire industrial resistive touchscreen	
CPU	1GHz dual-core ARM Cortex-A7	
Memory	256MB DDR3+4GB eMMC	
RTC	Built-in real-time clock	
Ethernet	Not supported	1× 10M/100M adaptive port
USB Port	1×Type-C 2.0 + 1×Type A 2.0	
Program Download Method	USB Slave / USB drive	
Serial Communication Port	COM1: RS232/RS485/RS422; COM3: RS232	
Viewing Angle (T/B/L/R)	50°/ 70°/ 70°/ 70°	
Rated Power	< 10W	
Rated Voltage	DC24V, (Range DC 9V~28V)	
Power Protection	Surge / lightning protection	
Allowing Power failure	<5m S	
Certification	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV	
Operating Temperature	0~ 50°C	
Storage Temperature	-20~ 60°C	
UV Protection	Avoid direct sunlight	
Ambient Humidity	10~90%RH (No condensation)	
Shock Resistance	10~25Hz (XYZ axis 2G/30min)	
Cooling Method	Natural cooling	
Protection Rating	Front faceplate IP65, Back cover IP20	
Mechanical Structure	Engineering plastic, Black	
Cutout Dimensions	190mm×136mm (+1.5mm/-0.0mm)	
Overall Dimensions	204mm×145mm×36.6mm (±0.3mm)	
Gross Weight	≈476g	

FE6300 Series HMI

Model	FE 6370W	FE 6370HC	FE 6370WE	FE 6370HCE	FE 6400W	FE 6400C	FE 6400WE	FE6400CE
Display	7" 16:9 TFT LCD				10" 16:9 TFT LCD			
Resolution	1024×600							
Color Depth	24-bit							
Brightness	350cd/m²				400cd/m²			
Backlight	LED							
LCD Lifetime	50000 H							
Touch Panel	4-wire industrial resistive touchscreen							
CPU	1GHz dual-core ARM Cortex-A7							
Memory	256MB DDR3+4GB eMMC							
RTC	Built-in real-time clock							
Ethernet	Not supported		1× 10M/100M adaptive port		Not supported		1× 10M/100M adaptive port	
USB Port	Not supported				Not supported			
SD Card	1× Type-C 2.0; 1× Type-A 2.0				1× Type-C 2.0; 1× Type-A 2.0			
Program Download	USB Slave / USB drive		USB Slave / USB drive / Ethernet port		USB Slave / USB drive		USB Slave / USB drive / Ethernet port	
Method Serial Communication Port	COM1: RS232/RS485/RS422 COM2: RS485 CMO3:RS232							
Viewing Angle (T/B/L/R)	85°/85°/85°/85°							
Rated Power	< 10W							
Rated Voltage	DC24V, (Range DC 9V~28V)							
Power Protection	Surge / lightning protection							
Allowing Power Failure	< 5mS							
Certification	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV							
Operating Temperature	0~50℃							
Storage Temperature	-20~60℃							
UV Protection	Avoid direct sunlight							
Ambient Humidity	10~90%RH (No condensation)							
Shock Resistance	10~25Hz (XYZ axis 2G/30min)							
Cooling Method	Natural cooling							
Protection Rating	Front faceplate IP65, Back cover IP20							
Mechanical Structure	Engineering-grade plastic							
	Light gray	Black	Light gray	Black	Light gray	Black	Light gray	Black
Cutout Dimensions	190mm×136mm (+1.5mm/-0.0mm)		190mm×136mm (+1.5mm/-0.0mm)		260mm×202mm		260mm×202mm	
Overall Dimensions	204mm×145mm×36.6mm (±0.3mm)		204mm×145mm×36.6mm (±0.3mm)		273mm×213mm×36mm		273mm×213mm×36mm	
Gross Weight	≈476g		≈476g		≈890g		≈920g	

FE6300 Series HMI

FLink2 IoT Expansion Module



Industrial Protocol Support

- 350+ industrial protocols supported
- Compatible with most industrial equipment

Data Processing

- Local data parsing
- Cloud data push capability
- Edge computing support (local data processing)

Remote Management

- Compatible with Faney remote management tools
- Remote configuration and diagnostics
- PLC program upload/download/monitoring

Data Storage

- Local caching of historical data

Model	FLink2-4G	FLink2-4G-WiFi	FLink2-WiFi
Network Access	Ethernet; China Mobile/China Unicom/China Telecom 4G	Ethernet; China Mobile/China Unicom/China Telecom 4G; WiFi	Ethernet; WiFi
Frequency Bands	4G: LTE FDD: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41	4G: LTE FDD: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41 WiFi: IEEE 802.11b/g/n compatible WLAN IEEE 802.11e Qos Enhancement (WMM)	WiFi: IEEE 802.11b/g/n compatible WLAN IEEE 802.11e Qos Enhancement (WMM)
Antenna	Requires FEA-YT4G round-head antenna and FEA-WiFi antenna; procured separately		
SIM Card	Standard configuration includes external/ built-in 4G SIM card; external card requires separate procurement; built-in/ external cards support time-shared usage	External 4G SIM card, requires separate procurement	-
Operating Temperature	-10~60°C		
Storage Temperature	-20~70°C		
Ambient Humidity	10~90%RH (No condensation)		
Shock Resistance	10~25Hz (XYZ axis 2G/30min)		
Cooling Method	Natural cooling		
Dimensions	37mmx62mm×15.3mm		
Weight	30g		
Mechanica Structure	Engineering-grade plastic, light gray		
VPN Passthrough	Supported		
Data Monitoring	300 points, supports timed upload or change-triggered upload		
Alert Push	100 points, supports client push, SMS alerts, and WeChat official account notifications		
Hisorical Data	30 points, supports transmission resumption after disconnection; stores 50,000 records per point offline; cloud retention: 60 days		
Edge Computing	20 points, supports script programming		
Network Protocol	Over 100+ Industry equipment protocol supported Supports 100+ industrial equipment protocols		
Management Maintenance	Support remote firmware upgrade, support configuration file load-in/out Supports remote firmware upgrades and configuration file import/export		

*The Flink2 product can only be used in conjunction with the FE6300 series HMI.

FE7000 Series HMI

-IoT by Design-



- FE7000 Series: The New Generation IoT HMI—high cost-performance, industrial ABS plastic casing, low cost, high reliability; featuring a brand-new back cover mold design.
- Optimized memory space with a 256MB DDR3 memory card enables richer data storage. Added Bluetooth module simplifies short-range wireless communication, meeting demands across diverse application scenarios.



High-capacity storage

- 256MB DDR3+4GB EMMC



Bluetooth

- Convenient short-range wireless communication



Dual-Core 1GHz

- High-performance processor



Built-in IoT

- Standard embedded IoT function blocks
- Ethernet/4G connectivity
- Supports FCloud platform, remote configuration & download
- Enhances IoT application security
- Reduces IoT solution access costs



Power-on & Connect

- No Geographic Restrictions
- IoT SIM Management Platform, Self-managed operation, Real-time usage query and top-up



FE7000 Series HMI

Mode	FE7370WE-4G	FE7400WE-4G
Display	7"16:9TFT LCD	10.1"16:9TFT LCD
Viewing Angle (T/B/L/R)	85'/85'/85'/85'	
Resolution	1024×600	
Color Depth	24-bit	
Brightness	350 cd/m ²	
Touch Panel	4-wire industrial resistive touchscreen	
CPU	1GHz dual-coreCortexTM-A7	
Storage	256MB DDR3+4GB EMMC	
RTC	Built-in	
Ethernet	1× 10M/100M adaptive port	
USB Ports	1x Type-COTG port; 1x USB Type A port	
Firmware Download Method	USB Slave / USB Drive / Ethernet	
Serial Communication Ports	COM1:RS232/RS485/RS422;COM2:RS485;COM3:RS232	
SD card	Not supported	
Bluetooth	supported	
IoT Network Access	Ethernet; China Mobile/China Unicom/China Telecom 4G	
Network Bands	LTE FDD:B1/B3/B5/B8;LTE TDD:B38/B39/B40/B41	
VPN Passthrough	supported	
Data Monitoring	300 points, supports timed upload or change-triggered upload	
Alert Push	100 points, supports client push, SMS alerts, and WeChat official account notifications	
Historical Data	30 points, supports transmission resumption after disconnection; stores 50,000 records per point offline; cloud retention: 180 days	
Edge Computing	20 points, supports script programming	
Industrial Network Protocols	Supports 100+ industrial equipment protocols	
Remote Management & Maintenance	Supports remote firmware upgrades and configuration file import/export	
Rated Power	<10W	
Rated Voltage	DC24V (Range: 9V~28V)	
Power Supply Protection	Lightning surge protection	
Allowing Power failure	<5ms	
CE&RoHS	Conforms to EN61000-6-2:2019, EN61000-6-4:2019RoHS compliant;Surge immunity: ±1kV EFT immunity: ±2kV;ESD protection: Contact discharge 4kV / Air discharge 8kV	
Operating Temperature	0~50°C	
Storage Temperature	-20~60°C	
UV Resistance	Avoid strong UV environments (e.g., direct sunlight)	
Ambient Humidity	10~90% RH (non-condensing)	
Shock Resistance	10~25Hz (XYZ axis 2G/30min)	
Protection Rating	Front panel: IP65 (when installed on flat panels); Rear case: Ip20	
Mechanical Structure	Engineering plastic,,Light gray	
Panel Cutout Dimensions	190mm×136mm	260mm×202mm((Tolerance:±1mm/0.0mm)
Overall Dimensions	204mm×145mm×34mm(Tolerance: ±0.5mm)	273mm×213mm×36mm(Tolerance: ±0.5mm)
Gross Weight	约472g	约920g

FE7000 Series HMI

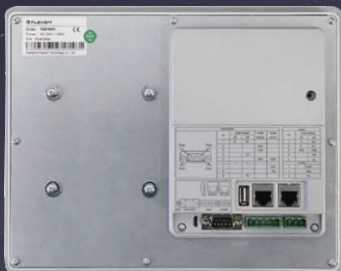
Mode	FE7043WE	FE7070C	FE7070W
Display	4.3"16:9TFTLCD	7"16:9TFTLCD	7"16:9TFTLCD
Viewing Angle (T/B/L/R)	80°/80°/80°/80°	50°/70°/70°/70°	85°/85°/85°/85°
Resolution	800x480	800x480	1024x600
Color Depth	16-bit	24-bit	
Brightness	250cd/m²	350cd/m²	
Touch Panel	4-wire industrial resistive touchscreen		
CPU	1GHz dual-coreCortex™-A7		
Storage	128MB Flash+128MB DDR3	4GB eMMC+128MB DDR3	4GB eMMC+128MB DDR3
Ethernet	1× 10M/100M adaptive port	None	None
USB Ports	1x Type-C OTG port	1x Type-C OTG port; 1x USB Type A port	
Firmware Download Method	USB Slave / USB Drive / Ethernet	USB Slave / USB Drive	
Serial Communication Ports	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232	COM1:R 5232/RS485/RS422 COM3:RS232	COM1:RS232/RS485/RS422 COM2: RS485 COM3:RS232
Rated Power	<5W	<10W	
Rated Voltage	DC24V (Range: 9V–28V)		
Power Supply Protection	Lightning surge protection		
Allowing Power failure	<5mS		
CE&RoHS	Conforms to EN61000-6-2:2019, EN61000-6-4:2019; RoHS compliant; Surge immunity: ±1kV; EFT immunity: ±2kV ESD protection: Contact discharge 4kV / Air discharge 8kV		
Operating Temperature	0~50℃		
Storage Temperature	-20~60℃		
UV Resistance	Avoid strong UV environments (e.g., direct sunlight)		
Ambient Humidity	10–90% RH (non-condensing)		
Shock Resistance	10~25Hz (XYZ axis 2G/30min)		
Protection Rating	Front panel: IP65 (when installed on flat panels); Rear case: Ip20		
Mechanical Structure	Engineering plastic,,Light gray	Engineering plastic,,Black	Engineering plastic,,Light gray
Panel Cutout Dimensions	132mm×80mm	190mm×136mm	
Overall Dimensions	138mm×86mm×32mm	204mm×145mm×34mm	
Gross Weight	≈3009	≈476g	≈468g

FE7000 Series HMI

Mode	FE7070WE	FE7100W	FE7100WE
Display	7"16:9TFTLCD	10.1"16:9TFT LCD	
Viewing Angle (T/B/L/R)	85'/85'/85'/85'	85'/85'/85'/85'	
Resolution	1024x600	1024×600	
Color Depth	24-bit		
Brightness	400cd/m²		
Touch Panel	4-wire industrial resistive touchscreen		
CPU	1GHz dual-coreCortexTM-A7		
Storage	4GB eMMC+128MB DDR3	4GB eMMC+128MB DDR3	4GB eMMC+128MB DDR3
Ethernet	1× 10M/100M adaptive port	None	1× 10M/100M adaptive port
USB Ports	1x Type-C OTG port; 1x USB Type A port		
Firmware Download Method	USB Slave / USB Drive / Ethernet	USB Slave / USB Drive	USB Slave / USB Drive / Ethernet
Serial Communication Ports	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232		
Rated Power	<10W		
Rated Voltage	DC24V,工作范围：DC 9V~28V		
Power Supply Protection	Lightning surge protection		
Allowing Power failure	<5mS		
CE&RoHS	Conforms to EN61000-6-2:2019, EN61000-6-4:2019; RoHS compliant; Surge immunity: ±1kV; EFT immunity: ±2kV ESD protection: Contact discharge 4kV / Air discharge 8kV		
Operating Temperature	0~50°C		
Storage Temperature	-20~60°C		
UV Resistance	Avoid strong UV environments (e.g., direct sunlight)		
Ambient Humidity	10~90% RH (non-condensing)		
Shock Resistance	10~25Hz (XYZ axis 2G/30min)		
Protection Rating	Front panel: IP65 (when installed on flat panels); Rear case: Ip20		
Mechanical Structure	Engineering plastic,,Light gray		
Panel Cutout Dimensions	190mm×136mm	260mm×202mm	
	204mm×145mm×34mm	273mm×213mm×36mm	
Gross Weight	≈4729	≈890g	≈920g

FE9000 Series

-Complex Engineering application-



- FE9000 Series: High-Performance HMI with Large Memory
- Delivering powerful computing capabilities and seamless interaction for complex industrial scenarios
- Key Features
 - Continues IoT module configuration enabling remote equipment monitoring and cloud-based data interaction,
 - Inherits core functionalities from main product line



High-performance with large memory



Wide-temperature operating range



Unlimited variable tags



Supports video decoding

FE9000 Series HMI

Model	FE9070H
Display	7" 16:9 TFT LCD
Viewing Angle (T/B/L/R)	85°/85°/85°/85°
Resolution	1024X600
Color Depth	24-bit
Brightness	350 cd/m ²
Touch Panel	4-wire industrial resistive touchscreen
CPU	4-core 1.2GHz Cortex-A53
Memory	8GB Flash + 1GB DDR3
Ethernet	1× 10M/100M adaptive port
USB Port	1x USB Slave 2.0 port; 1x USB Host 2.0 port
Program Download Method	USB Slave / USB Drive / Ethernet
Serial Communication Port	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232
Rated Power	<10W
Rated Voltage	DC24V (Range: 9V~28V)
Power Protection	Surge / lightning protection
Allowing Power failure	< 5mS
Certification	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV
Operating Temperature	0~ 50℃
Storage Temperature	-20~ 60℃
UV Protection	Avoid direct sunlight
Ambient Humidity	10~90%RH (No condensation)
Shock Resistance	10~25Hz (XYZ axis 2G/30min)
Cooling Method	Natural cooling
Protection Rating	Front faceplate IP65, Back cover IP20
Mechanical Structure	Engineering-grade plastic, light gray
Cutout Dimensions	192mm×138mm
Overall Dimensions	204mm×145mm×33.8mm
Gross Weight	≈560g

FE9000 Series HMI

Model	FE9100M	FE9121M
Display	10.1" 16:9 TFT LCD	12.1" 4:3 TFT LCD
Viewing Angle (T/B/L/R)	85°/85°/85°/85°	80°/80°/80°/80°
Resolution	1024X600	1024x768
Color Depth	16-bit	16-bit
Brightness	400 cd/m ²	350 cd/m ²
Touch Panel	4-wire industrial resistive touchscreen	4-wire industrial resistive touchscreen
CPU	4-core 1.2GHz Cortex-A53	4-core 1.2GHz Cortex-A53
Memory	8GB Flash + 1GB DDR3	8GB Flash + 1GB DDR3
Ethernet	2× 10M/100M adaptive port	1× 10M/100M adaptive port
USB Port	1x USB Slave 2.0 port; 1x USB Host 2.0 port	1x USB Slave 2.0 port; 1x USB Host 2.0 port
Program Download Method	USB Slave / USB Drive / Ethernet	USB Slave / USB Drive / Ethernet
Serial Communication Port	COM1:RS232/RS485/RS422 COM2:RS485/RS422	COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232
Rated Power	COM3:RS232 <10W	<15W
Rated Voltage	DC24V (Range: 9V~28V)	DC24V (Range: 9V~28V)
Power Protection	Surge / lightning protection	Isolated power module, Lightning surge protection
Allowing Power failure	< 5mS	< 5mS
Certification	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV
Operating Temperature	-10~60°C	-10~60°C
Storage Temperature	-20~70°C	-20~70°C
UV Protection	Avoid direct sunlight	Avoid direct sunlight
Ambient Humidity	10~90%RH (No condensation)	10~90%RH (No condensation)
Shock Resistance	10~25Hz (XYZ axis 2G/30min)	10~25Hz (XYZ axis 2G/30min)
Cooling Method	Natural cooling	Natural cooling
Protection Rating	Front faceplate IP65, Back cover IP20	Front faceplate IP65, Back cover IP20
Mechanical Structure	Aluminum-alloy enclosure	Aluminum-alloy + Powder-coated galvanized steel
Cutout Dimensions	260mm×202mm	291mmx219mm
Overall Dimensions	274mm×214mm×39mm, thickness 26mm (core unit, excluding expansions)	310mm×240mm×48.5mm
Gross Weight	≈1450g	≈2710g

FE9000 Series HMI

Model	FE9150M	FE9156M
Display	15" 4:3 TFT LCD	15.6" 16:9 TFT LCD
Viewing Angle (T/B/L/R)	80°/80°/80°/80°	85°/85°/85°/85°
Resolution	1024x768	1920x1080
Color Depth	16-bit	16-bit
Brightness	400 cd/m ²	250 cd/m ²
Touch Panel	4-wire industrial resistive touchscreen	4-wire industrial resistive touchscreen
CPU	4-core 1.2GHz Cortex-A53	4-core 1.2GHz Cortex-A53
Memory	8GB Flash + 1GB DDR3	8GB Flash + 1GB DDR3
Ethernet	1× 10M/100M adaptive port	2× 10M/100M adaptive port
USB Port	1x USB Slave 2.0 port; 1x USB Host 2.0 port	1x USB Slave 2.0 port; 1x USB Host 2.0 port
Program Download Method	USB Slave / USB Drive / Ethernet	USB Slave / USB Drive / Ethernet
Serial Communication Port	COM1/COM2:RS232/RS485/RS422 COM3/COM4: RS232	COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232
Rated Power	<15W	<18W
Rated Voltage	DC24V (Range: 18V~28V)	DC24V (Range: 18V~28V)
Power Protection	Isolated power module, Lightning surge protection	Isolated power module, Lightning surge protection
Allowing Power failure	< 5mS	< 5mS
Certification	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV	CE: EN61000-6-2:2019, EN61000-6-4:2019 RoHS compliant Surge immunity: ±1 kV, EFT immunity: ±2 kV ESD: Contact 4 kV / Air discharge 8 kV
Operating Temperature	-10~60°C	0~ 50°C
Storage Temperature	-20~70°C	-20~ 60°C
UV Protection	Avoid direct sunlight	Avoid direct sunlight
Ambient Humidity	10~90%RH (No condensation)	10~90%RH (No condensation)
Shock Resistance	10~25Hz (XYZ axis 2G/30min)	10~25Hz (XYZ axis 2G/30min)
Cooling Method	Natural cooling	Natural cooling
Protection Rating	Front faceplate IP65, Back cover IP20	Front faceplate IP65, Back cover IP20
Mechanical Structure	Aluminum-alloy + Powder-coated galvanized steel	Aluminum-alloy enclosure
Cutout Dimensions	360mm×272mm	380mm×245mm
Overall Dimensions	394mm×297mm×48.3mm	274mm×214mm×39mm, thickness 22mm (core unit, excluding expansions)
Gross Weight	≈4300g	≈2250g



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