KAXA INDUSTRIAL INTERNET PRODUCT MANUAL



KAXA®

Pursue Innovation Higher Quality Better Service



PURSUING INNOVATION, HIGHER QUALITY, AND BETTER SERVICE.

GUANGDONG KAXA TECHNOLOGY CO., LTD.

Guangdong KAXA Technology Co., Ltd., established in 2019, is a national high-tech enterprise specializing in the integration of R&D, production, sales, and service. It focuses on designing and developing products within the industrial internet sector, offering clients cost-effective and highly stable solutions tailored for the industrial internet industry.

Our product portfolio encompasses industrial switches, industrial wireless access points, industrial wireless bridges, industrial tablets, industrial PCs, system software, and more. These products are widely utilized across various industries, including smart logistics, intelligent warehousing, automotive manufacturing, ceramic machinery, electronic information, energy and power, petrochemicals, rail transit, robotics, among others.

CUSTOMER FIRST

Always prioritize customer needs and satisfaction, committed to providing high-quality products and services to customers, helping enterprises improve production efficiency and reduce costs.

CONTINUOUS INNOVATION

Pursuing innovation, constantly exploring and applying new technologies to continuously improve and optimize existing products and services, and meet the ever-changing needs of customers.

TECHNICAL SUPPORT

With rich experience and professional knowledge in the field of industrial automation, we provide customers with leading technical support and after-sales service to ensure the stable operation of equipment.

WIN-WIN COOPERATION

Advocate cooperation with all parties for common development, and achieve win-win development between enterprises through open cooperation models and partners.

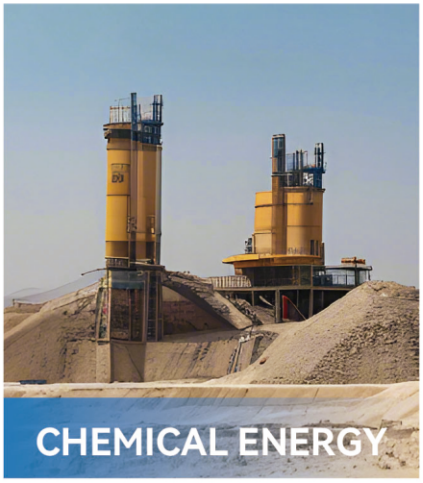
SOLUTIONS

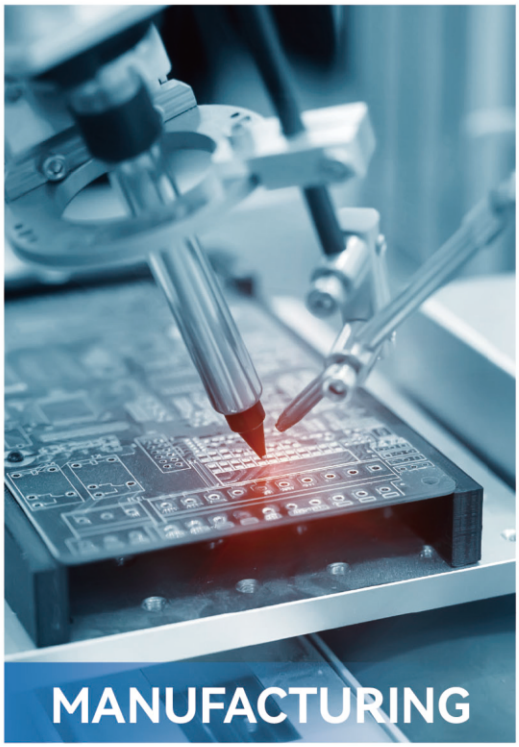







PORT TERMINAL


CHEMICAL ENERGY


MANUFACTURING

SOLUTIONS


COLD CHAIN


CERAMIC INDUSTRY


ROBOT INDUSTRY

PRODUCT SYSTEM



Industrial Wireless Access Point



Industrial Switch



Industrial Wireless Bridge



Industrial Tablet



Industrial Control Computer



Handheld Terminal



IoT Gateway



Serial Server



Rugged Tablet



Antenna



Optical Module



Leaky Feeder Cable

Smart IoT Gateway

KXZ-3131/3131C

- 5G Full-Netcom, Wi-Fi and Ethernet supported
- Rich peripheral interfaces: RS232, RS485, RJ45, USB, GPS, etc.
- Compatible with mainstream industrial protocols: CoAP, MQTT, HTTPS, CAN, Modbus, PROFINET, etc.
- IP40 protection grade,fanless cooling, wide temperature & wide voltage range
- Compliant with EMC Level 4 industrial electromagnetic compatibility standards
- Passed 1500-hour high temperature & high humidity endurance test
- Resists voltage fluctuation, strong electromagnetic radiation, humidity, dust and other harsh working conditions



CE FC

Technical Specifications

Modle	KXZ-3131	KXZ-3131C
Picture		
Frequency	5G	5G
Data Rate	300~2000Mbps	300~2000Mbps
GPIO	7pin	
SIM Card	2	1
TF Card	1	
Antennas	5	4
Rj45 Port	1xRJ45,10/100/1000BaseT(X) auto negotiationconnection Speed F/H duplex mode,and auto MDI/MDI-X	
Power Connection	Input Voltage：DC9-36 VDC inputs ｜ Power：8W (max)	
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP,SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP	
LED Light	PWR, LAN, WLAN, SIGNAL	
Size	127×83×24mm	111.3×71.4×22.4mm
Shell	Metal,providing IP 40 protection	
Installation	Wall mounting	
WorkingCondition	Temp：-30℃ to 70℃ ｜ Storage Temp：-30℃ to 70℃ ｜ Rh：5% to 95%	
Reliability	MTBF: 600000h ｜ Warranty: 1 Year	

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Wireless Bridge

- Meets the growing demands for data transmission and extended signal coverage.
- Complies with various industrial standards, featuring wide temperature & voltage range, surge protection, ESD protection, shock resistance and anti-interference performance.
- Supports multiple industrial mounting methods, ideal for diverse complex industrial scenarios.

KXC 708 Series



Higher data transfer rate
Stronger anti-interference capability

Product Features

- Supports ultra-wide frequency bands of 2.3GHz~2.7GHz and 4.9GHz~6.1GHz.
- Adopts MIMO wireless technology with a transmission rate up to 300Mbps.
- Client-based fast roaming supported, roaming time ⩽ 100ms.
- High gain and receiving sensitivity, maximum transmission distance up to 100 meters.
- Multiple power interfaces available, supports wide voltage input of 8V~30V.
- Compact aluminum enclosure with IP30 protection rating.

KXC 1100 Series



Wider coverage range
More stable network performance

Product Features

- Supports ultra-wide frequency bands: 2.3GHz~2.7GHz and 4.9GHz~6.1GHz.
- Equipped with MIMO wireless technology, delivering a transmission rate up to 867Mbps.
- Client-based fast roaming supported, with roaming time ⩽ 100ms.
- Features high gain and high receiving sensitivity, with a maximum transmission distance of 150 meters.
- Adopts DFS (Dynamic Frequency Selection) for automatic interference avoidance.
- Integrated design with IP30 protection rating, compatible with 3 types of industrial mounting.
- Rapid self-organizing network based on Mesh technology enables quick network deployment.

KXC 708 Series			
Modle	**KXC708-2N**	**KXC708-5N**	**KXC708-5AC**
Picture			
Standard	IEEE 802.11b/g/n	IEEE 802.11a/n	IEEE 802.11a/n/ac
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT		
Security	• SSID broadcast enable/disable | • Firewall for MAC/IP/Protocol/Port filtering | • 64-bit and 128-bit WEP encryption | • WPA/WPA2-Personal(TKIP and AES) | • WPA/WPA2-Enterprise(IEEE 802.1X /RADIUS/TKIP and AES)		
Frequency	2.412 to 2.462 Ghz (11 channels)	5.180 to 5.825 Ghz (21 channels)	5.180 to 5.825 Ghz (21 channels)
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20/40MHz •Typ.20dBm MSC8/15 20/40MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz
Data Rate	150Mbps	150Mbps	300Mbps
Distance	75m	75m	35m
Antennas	1 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) External Antenna Interface: RP-SMA(female)		
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X		
Power	Input Voltage: 8 to 30 VDC Connection Type:Passive 24V POE and DC inputs Power:12W (max)		
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP		
LED light	PWR,LAN,WLAN,SIGNAL		
Working Condition	Operating Temp:-40℃ to 80℃ | Storage Temp:-40℃ to 80℃ | Rh:5% to 95%		
Size	113×115×26mm		
Shell	Metal,providing IP 30 protection		
Installation	DIN-rail mounting		
Safety Certification	CE | FCC		
Reliability	MTBF: 600000h Warranty:1 Year		

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KXC 1100 Series				
Modle	**KXC1100-2N**	**KXC1100-5N**	**KXC1100-5AC**	**KXC1100-5AX**
Picture				
Standard	IEEE 802.11b/g/n	IEEE 802.11a/n	IEEE 802.11a/n/ac	IEEE 802.11a/n/ac/ax
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
Security	• SSID broadcast enable/disable | • Firewall for MAC/IP/Protocol/Port filtering | • 64-bit and 128-bit WEP encryption | • WPA/WPA2-Personal(TKIP and AES) | • WPA/WPA2-Enterprise(IEEE 802.1X /RADIUS/TKIP and AES)			
Frequency	2.412 to 2.462 Ghz (11 channels)	5.180 to 5.825 Ghz (21 channels)	2.412 to 2.462 Ghz (11 channels) 5.180 to 5.825 Ghz (21channels)	5.180 to 5.825 Ghz (21 channels)
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20/40MHz •Typ.20dBm MSC8/15 20/40MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz
Data Rate	300Mbps	300Mbps	300Mbps	867Mbps
Distance	150m	100m	70m	150m
Antennas	1 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) External Antenna Interface: RP-SMA(female)			
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X			
Power	Input VoltageVI：8 to 30 VDC Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
LED light	PWR,LAN,WLAN,SIGNAL			
Working Condition	Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | Rh：5% to 95%			
Size	113×115×26mm			
Shell	Metal,providing IP 30 protection			
Installation	DIN-rail mounting			
Safety Certification	CE | FCC			
Reliability	MTBF: 600000h Warranty：1Year			

Wireless Bridge

- Meets the growing demands for data transmission and extended signal coverage.
- Complies with various industrial standards, featuring wide temperature & voltage range, surge protection, ESD protection, shock resistance and anti-interference performance.
- Supports multiple industrial mounting methods, ideal for diverse complex industrial scenarios.

KXC 3100 Series



Supports high-density accessSupports Mesh self-organizing network

Product Features

- Supports ultra-wide frequency bands: 2.3GHz~2.7GHz and 4.9GHz~6.1GHz.
- Equipped with MIMO wireless technology, delivering a transmission rate up to 867Mbps.
- Client-based fast roaming supported, with roaming time ⩽ 100ms.
- Features high gain and high receiving sensitivity, with a maximum transmission distance of 150 meters.
- Supports high-density access with up to 200 concurrent access units.
- Compact aluminum enclosure, IP30 protection rating.

KXC 3200 Series



Dual-band Wireless Bridge DFS Dynamic Frequency Selection

Product Features

- Supports ultra-wide frequency bands: 2.3GHz~2.7GHz and 4.9GHz~6.1GHz.
- Equipped with MIMO wireless technology, delivering a transmission rate up to 867Mbps.
- Client-based fast roaming supported, with roaming time ⩽ 100ms.
- Features high gain and high receiving sensitivity, with a maximum transmission distance of 150 meters.
- Adopts DFS (Dynamic Frequency Selection) for automatic interference avoidance.
- Integrated design with IP30 protection rating, compatible with 3 types of industrial mounting.
- Rapid self-organizing network based on Mesh technology enables quick network deployment.

KAXA

Modle	KXA3100-2N	KXA3100-5N	KXA3100-5AC	KXA3100-5AX
Picture				
Standard	IEEE 802.11b/g/n	IEEE 802.11a/n	IEEE 802.11a/n/ac	IEEE 802.11a/n/ac/ax
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
Frequency	2.412 to 2.462 Ghz (11 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz •Typ.23dBm MSC0/7 80MHz •Typ.20dBm MSC8/15 80MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
Concurrent	100unit	100unit	150unit	150unit
Data Rate	300Mbps	300Mbps	867Mbps	2400Mbps
Distance	150m	100m	70m	120m
Antennas	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X			
Power	Input Voltage：8 to 30 VDC Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Mechanical	Size：114x115x36mm Shell：Metal,providing IP 30 protection Installation：DIN-rail mounting,Wall mounting			
Working Condition	Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | Rh：5% to 95%			
Safety Certification	CE | FCC			
Reliability	MTBF: 600000h Warranty: 1 Year			

Modle	KXA3100-52N	KXA3100-D5N	KXA3100-D2N	KXA3100-52AC
Picture				
Standard	IEEE 802.11a/b/g/n	IEEE 802.11a/n	IEEE 802.11b/g/n	IEEE 802.11a/b/g/n/ac
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
Frequency	2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	2.412 to 2.462 Ghz (11 channels)	2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
Concurrent	200unit	200unit	200unit	200unit
Data Rate	300Mbps	300Mbps	300Mbps	867Mbps
Distance	150m	100m	150m	150m
Antennas	4Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X			
Power	Input Voltage：8 to 30 VDC Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Mechanical	Size：114x115x36mm Shell：Metal,providing IP 30 protection Installation：DIN-rail mounting,Wall mounting			
Working Condition	Operating Temp：-40℃ to 80℃ | Storage Temp：-40℃ to 80℃ | Rh：5% to 95%			
Safety Certification	CE | FCC			
Reliability	MTBF: 600000h Warranty: 1 Year			

KAXA

Modle	KXA3100-5N (CV)	KXA3100-D5AC	KXA3100-52AX	KXA3100-D5AX
Picture				
Standard	IEEE 802.11a/n	IEEE802.11a/n/ac	IEEE 802.11a/b/g/n/ac/ax	IEEE 802.11a/n/ac/ax
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
Frequency	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)
TX dBm	•Typ.23dBm MSC0/720MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz •Typ.23dBm MSC0/7 80MHz •Typ.20dBm MSC8/15 80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz •Typ.23dBm MSC0/7 80MHz •Typ.20dBm MSC8/15 80MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
Concurrent	100unit	300unit	200unit	300unit
Data Rate	300Mbps	867Mbps	2400Mbps	2400Mbps
Distance	100m	70m	120m	120m
Antennas	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)	4 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) RP-SMA(female)
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X			
Power	Input Voltage：8 to 30 VDC Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Mechanical	Size：114x115x36mm Shell：Metal,providing IP 30 protection Installation：DIN-rail mounting,Wall mounting			
Working Condition	Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | Rh：5% to 95%			
Safety Certification	CE | FCC			
Reliability	MTBF: 600000h Warranty: 1 Year			

Modle	KXA3210-52AC	KXA3220-52AC
Picture		
Standard	IEEE 802.11a/b/g/n/ac	IEEE 802.11a/b/g/n/ac
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT	
Frequency	2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP	
Concurrent	100unit	200unit
Data Rate	867Mbps	867Mbps
Distance	70m	100m
Antennas	2 SingleBand ommi-directional antennas 3 dBi,RP-SMA(male) Extended antenna connection: RP-SMA(female)	2Dual-Band ommi-directional antennas 3 dBi,RP-SMA(male) Extended antenna connection: RP-SMA(female)
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto；negotiationconnection,Passive POE； Speed F/H duplex mode,and auto MDI/MDI-X	
Power	Input Voltage：8 to 30 VDC Connection Type：Passive 24V POE and DC inputs Power：12W (max)	
Mechanical	Size：113x89x26mm Shell：Metal,providing IP 30 protection Installation：DIN-rail mounting,Wall mounting	
Working Condition	Operating Temp：-40℃ to 80℃ | Storage Temp：-40℃ to 80℃ | Rh：5% to 95%	
Safety Certification	CE | FCC	
Reliability	MTBF: 600000h Warranty: 1 Year	

Wireless Access Point

- Isolation design between integrated antenna and metal housing prevents electromagnetic interference and power short circuit caused by electrified enclosure.
- Complies with multiple industrial standards, including wide temperature & voltage range, surge protection, ESD protection, shock resistance and anti-interference.
- Operates stably at -40℃~80℃, suitable for various complex industrial scenarios.

KXA 4100Series



Dual-band Wireless Access Point

Product Features

- Compliant with IEEE 802.11 a/b/g/n/ac/ax protocols.
- Compliant with IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards.
- Wireless rate: 2400 Mbps.
- Adopts dual-core high-performance main processor.
- Supports WPA-PSK, WPA2-PSK and WPA-PSK+WPA2-PSK encryption.
- Equipped with 4 auto-negotiating 10/100/1000 Mbps Ethernet ports.

KXA 5100 Series



High-density Wireless Access Point

Product Features

- Compliant with IEEE 802.11 a/b/g/n/ac/ax protocols.
- Features high gain and receiving sensitivity for long-distance Wi-Fi communication.
- Supports over 100 concurrent terminal accesses in AP mode, delivering reliable and stable data connection.
- Supports client-based Fast Roaming technology.
- Adopts Mesh-based rapid self-organizing network, eliminating costly Ethernet cabling and enabling fast network deployment.

Wireless Dual-band access point

The KXA4100 Series Dual-band Wireless Bridge is an outdoor wireless device tailored for video surveillance in elevators, tower cranes, residential communities, schools, factories, orchards, farms, greenhouses, scenic spots and other environments.

It delivers ultra-high-speed dual-gigabit wireless transmission and adopts the latest Wi-Fi 6 (802.11ax) technology, with a maximum rate of 2400 Mbps. Powered by a high-performance dual-core processor, it boosts network load capacity, accelerates data forwarding and ensures stable long-term operation.

Equipped with OFDMA and MU-MIMO technologies, it greatly improves transmission efficiency and reduces latency. Its multi-port design eliminates the need for additional switches and separate power supply when connecting multiple cameras.



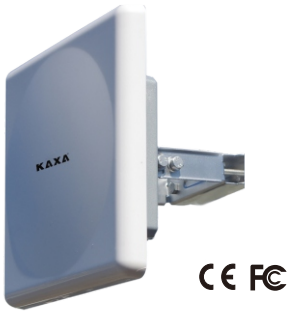
Technical Specifications

Modle	KXA 4100 -5N	KXA 4100 -5AX
Central Processing Unit	MT7981BA CPU	MT7981BA+7976CN+7531AE Dual-core CPU,1.3GHz
Flash Memory	16MMB	16MMB
DDR Memory	128MB	256MB
Network Interface	1个10/100/1000M Auto LAN Port(Auto MDI/MDIX) 1xPOE Port	4个10/100/1000M Auto LAN Port(Auto MDI/MDIX) 1xPOE Port
Wired Standard	IEEE802. 3, IEEE802. 3u, IEEE802. 3ab	
Antenna	Built-in Dual-polarized Directional Antenna	
Tact Switch	1 factory reset button	
DC Power Input	DC Input: 12V	
Panel Indicator LED	LED*8(PWR、2.4G、5.8G、LAN1 LAN5)	
Size	230x106x37mm	
Antenna	-10°C~55°C	
Operating Humidity	10% 95% RH	
Storage Temperature	-40~+80°C	

KAXA

Wireless Access Point

- Industrial-grade wireless AP with data transfer rate up to 2400 Mbps.
- Supports non-standard PoE power input for flexible installation and deployment.



Technical Specifications

Modle	KXA5100-5N (L)	KXA5100-5AC (L)	KXA5100-5AX (L)	KXA5100-52N (L)
Standard	IEEE 802.11a/n	IEEE 802.11a/n/ac	IEEE 802.11a/n/ac/ax	IEEE 802.11a/b/g/n
	IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT | IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
Frequency	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	2.412to2.462 Ghz(11channels) 5.180to5.240 GHz(4 channels) 5.260to5.320 GHz(4 channels) 5.500to5.700 GHz(8 channels) 5.745to5.825 GHz(5 channels)
TX dBm	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz
RX Sensitivity	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
Concurrent	100unit	150unit	150unit	200unit
Data Rate	300Mbps	867Mbps	2400Mbps	300Mbps
Distance	200m	150m	150m	300m
Antennas	Dual polaried directional antennas, 17 dBi, 5GHz (L) Series Dual Antenna	Dual polaried directional antennas, 17 dBi, 5GHz (L) Series Dual Antenna	Dual polaried directional antennas, 17 dBi, 5GHz (L) Series Dual Antenna	Dual polaried directional antennas, 17 dBi, 2.4GHz&5GHz (L) Series Four Antennas
RJ45 PORT	1xRJ45,10/100/1000BaseT(X) auto negotiationconnection,Passive POE, Speed,F/H duplex mode,and auto MDI/MDI-X			
Power	Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Mechanical	Size：305x305x80mm Shell：Metal,Plastic providing Ip67 protection Installation：DIN-rail mounting,Wall mounting			
Working Condition	Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | RH：5% to 95%			
Safety Certification	CE | FCC			
Reliability	MTBF: 600000h Warranty: 1 Year			

Product Features

- Supports ultra-wide frequency bands: 2.3GHz~2.7GHz and 4.9GHz~6.1GHz.
- Adopts MIMO wireless technology, with a maximum transmission rate of 2400Mbps.
- Client-based fast roaming supported, roaming latency ⩽ 100ms.
- High gain and receiving sensitivity, transmission distance up to 300 meters.

KXA5100-52AC (L)	KXA5100-52AX (L)	KXA5100-D5N (L)	KXA5100-D5AC (L)
EEE 802.11a/b/g/n/ac	EEE 802.11a/b/g/n/ac/ax	IEEE 802.11a/n	IEEE 802.11a/n/ac
IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT | IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT			
2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	2.412 to 2.462 Ghz(11channels) 5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)	5.180 to 5.240 GHz(4 channels) 5.260 to 5.320 GHz(4 channels) 5.500 to 5.700 GHz(8 channels) 5.745 to 5.825 GHz(5 channels)
•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40/80MHz •Typ.20dBm MSC8/15 40/80MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz	•Typ.23dBm MSC0/7 20MHz •Typ.20dBm MSC8/15 20MHz •Typ.23dBm MSC0/7 40MHz •Typ.20dBm MSC8/15 40MHz
-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz -96dBm@MCS0 80MHz -75dBm@MCS7 80MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz	-96 dBm@6Mbps -78 dBm@54Mbps -96dBm@MCS0 20MHz -75dBm@MCS7 20MHz -96dBm@MCS0 40MHz -75dBm@MCS7 40MHz
Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP, SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP, LLDP			
250unit	250unit	200unit	200unit
867Mbps	2400Mbps	300Mbps	867Mbps
300m	300m	200m	300m
Dual polaried directional antennas, 17 dBi, 2.4GHz&5GHz (L) Series Four Antennas	Dual polaried directional antennas, 17 dBi, 2.4GHz&5GHz (L) Series Four Antennas	Dual polaried directional antennas, 17 dBi, 2.4GHz (L) Series Four Antennas	Dual polaried directional antennas, 17 dBi, 5GHz (L) Series Four Antennas
1xRJ45,10/100/1000BaseT(X) auto negotiationconnection,Passive POE, Speed,F/H duplex mode,and auto MDI/MDI-X			
Connection Type：Passive 24V POE and DC inputs Power：12W (max)			
Size：305x305x80mm Shell：Metal,Plastic providing IP 67 protection Installation：DIN-rail mounting,Wall mounting			
Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | Rh：5% to 95%			
CE | FCC			
MTBF: 600000h Warranty: 1 Year			

KAXA

Industrial Fiber Converter

KXS 201 Series

- 1 electrical port + 1 uplink SC/SFP optical port supported.
- Wide voltage range, wide temperature resistance.
- Dual power redundancy with reverse connection protection.
- Ip40 protection rating; 4000V lightning protection for all ports.



Technical Specifications

Modle	KXS 201F-SC	KXS 201G-SC	KXS 201F-SFP	KXS 201G-SFP
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at			
Switch Type	Store and forward			
Security	IEEE 802.3 x full duplex, back pressure flow control			
MAC Table	2K			
Packet Buffer	1Mbit			
Packet Forwarding Rate	1.2Mpps			
Switching Delay	<10μs			
Gbps	4.2Ghz			
Level	Level 2, Unmanaged			
Number of Port	2 ports: 1 fiber port & 1 Ethernet port:1 Fiber + 1 Rj45			
Specification	100M | 1 RJ45 + 1 Uplink Single-mode Single-fiber SC Port	1000M | 1 RJ45 + 1 Uplink Single-mode Single-fiber SC Port	100M | 1 RJ45 + 1 Uplink Single-mode Single-fiber SFP Port	1000M | 1 RJ45 + 1 Uplink Single-mode Single-fiber SFP Port
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)			
RJ45 PORT	10/100/1000 BaseT(X)			
Power Connection	Input Voltage: 12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.			
Size	126.5mmx94.7mmx33.3mm			
Weight	0.3Kg			
Installation	DIN rail or wall mount			
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C			
Reliability	MTBF: 600000h Warranty: 1 Year			

Industrial 5P/8P Switch

KXS 205/208 Series

- Wide voltage input and wide temperature tolerance.
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.



CE FC

Technical Specifications

Modle	KXS 205 Series	KXS 208 Series
Picture		
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at	
Switch Type	Store and forward	
Security	IEEE 802.3 x full duplex, back pressure flow control	
MAC Table	2K	4K
Packet Buffer	1Mbit	2Mbit
Switching Delay	<10μs	
PFR	1.2Mpps	2.4Mpps
Gbps	4.2Ghz	8.4 Ghz
Level	Level 2, Unmanaged	
Number of Port	5	8
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)	
RJ45 PORT	10/100/1000 BaseT(X)	
Power Connection	Input Voltage：12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.	
Size	117×81×25mm	138×95×25mm
Weight	0.24Kg	0.34Kg
Installation	DIN rail or wall mount	
Working Condition	Operating Temp：-30℃ to 75℃ | Storage Temp：-30℃ to 75℃	
Reliability	MTBF: 600000h Warranty: 1 Year	

KAXA

Industrial 5-port Switch

KXS205F-M12

- 4x100Mbps M12 Ethernet ports + 1 uplink 100Mbps M12 port.
- Wide voltage range, wide temperature resistance.
- Dual power redundancy with reverse connection protection.
- Ip40 protection rating; 4000V lightning protection for all ports.



CE FC

Technical Specifications

Modle	KXS205F-M12
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at
Switch Type	Store and forward
Security	IEEE 802.3 x full duplex, back pressure flow control
MAC Table	2K
Packet Buffer	1Mbit
Packet Forwarding Rate	1.2Mpps
Switching Delay	<10μs
Gbps	4.2Ghz
Level	Level 2, Unmanaged
Number of Port	5
Specification	100Mbps，4xM12 Ethernet ports + 1x uplink M12 port，DC12~50V
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)
RJ45 PORT	10/100/1000 BaseT(X)
Power Connection	Input Voltage：12V ~57V Terminal Inser::6P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.
Size	140mm×100mm×30mm
Weight	0.85Kg
Installation	DIN rail or wall mount
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C
Reliability	MTBF: 600000h Warranty: 1 Year

Industrial 8-port Switch

KXS 208FX Series

- 8x100Mbps Ethernet ports.
- Wide voltage range, wide temperature resistance.
- Dual power redundancy with reverse connection protection.
- Ip40 protection rating; 4000V lightning protection for all ports.



CE FC

Technical Specifications

Modle	KXS 208FX
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at
Switch Type	Store and forward
Security	IEEE 802.3 x full duplex, back pressure flow control
MAC Table	4K
Packet Buffer	2Mbit
Packet Forwarding Rate	2.4Mpps
Switching Delay	<10μs
Gbps	8.4Ghz
Level	Level 2, Unmanaged
Number of Port	8
Specification	100Mbps, 8 x Ethernet ports, DC12~50V
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)
RJ45 PORT	10/100/1000 BaseT(X)
Power Connection	Input Voltage: 12V ~57V Terminal Inser::6P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.
Size	108mmx 89mmx40mm
Weight	1.25Kg
Installation	DIN rail or wall mount
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C
Reliability	MTBF: 600000h Warranty: 1 Year

KAXA

Industrial 10-port Switch

KXS 210 Series

- 8 Ethernet ports, 2 uplink ports (Ethernet/SFP).
- Wide voltage range, wide temperature resistance.
- Dual power redundancy with reverse connection protection.
- Ip40 protection rating; 4000V lightning protection for all ports.



CE FC

Technical Specifications

Modle	KXS210G	KXS210GP	KXS210G-SFP	KXS210GP-SFP
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at			
Switch Type	Store and forward			
Security	IEEE 802.3 x full duplex, back pressure flow control			
MAC Table	4K			
Packet Buffer	2Mbit			
Packet Forwarding Rate	2.4Mpps			
Switching Delay	<10μs			
Gbps	10Ghz			
Level	Level 2, Unmanaged			
Number of Port	10			
Specification	10 Gigabit ports	8 PoE + 2 Non-PoE Uplink	10 Ports | 2 SFP Uplink	8 PoE + 2 Non-PoE Uplink + 2 SFP Uplink
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)			
RJ45 PORT	10/100/1000 BaseT(X)			
Power Connection	Input Voltage: 12V ~57V Terminal Inser::6P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.			
Size	126.5mmx94.7mmx33.3mm			
Weight	0.3Kg			
Installation	DIN rail or wall mount			
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C			
Reliability	MTBF: 600000h Warranty: 1 Year			

Industrial 16P/24P Switch

KXS 20XX Series

- Wide voltage input and wide temperature tolerance.
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.



CE FC

Technical Specifications

Modle	KXS 2016T-SI	KXS2016G-2SFP	KXS 2024T-SI	KXS2024G-2SFP
Picture				
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at			
Switch Type	Store and forward			
Security	IEEE 802.3 x full duplex, back pressure flow control			
MAC Table	32K	32K	32K	32K
Packet Buffer	3.2Mbit	3.2Mbit	8Mbit	8Mbit
Switching Delay	<10μs			
Gbps	32Ghz	32Ghz	48Ghz	48Ghz
Level	Level 2, Unmanaged			
Number of Port	16	18	24	26
Specification	16 Ethernet ports	16 RJ45 + 2 SFP Uplink	24 Ethernet ports	24 RJ45 + 2 SFP Uplink
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)			
RJ45 PORT	10/100/1000 BaseT(X)			
Power Connection	Input Voltage: 12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.			
Size	165mmx140mmx45mm		180mmx150mmx60mm	
Weight	2.35Kg		2.75Kg	
Installation	DIN rail or wall mount			
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C			
Reliability	MTBF: 600000h Warranty: 1 Year			

KAXA

Ring Industrial Switch

2 Fiber + 4 RJ45 / 8 Fiber + 8 RJ45 / 4 Fiber + 8 Rj45



- Supports Gigabit Ethernet ports and Gigabit SFP ports
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.

CE FC

Technical Specifications

Modle	KXS204G-2SFP-R	KXS208G-8SFP-R	KXS308G-4SFP
Picture			
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at		
Switch Type	Store and forward		
Security	IEEE 802.3 x full duplex, back pressure flow control		
MAC Table	8K	32K	32K
Packet Buffer	2Mbit	4Mbit	2Mbit
Switching Delay	<4μs	<4μs	<4μs
Gbps	6Ghz	16Ghz	12Ghz
Level	8.6Mpps	13.6Mpps	8.6Mpps
Number of Port	6	16	12
Specification	Gigabit, 4 RJ45 ports + 2 SFP ports (Single/Multi-mode), DC 12~50V	Gigabit, 8 Rj45 ports + 8 SFP ports (Single/Multi-mode), DC 12~50V	Gigabit, 8 RJ45 ports + 4 SFP ports (Single/Multi-mode), DC 12~50V
Optical fiber	1000Base-X		
RJ45 PORT	10/100/1000 BaseT(X)		
Power Connection	Input Voltage: 12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.		
Size	176mm×113mm×45.5mm	176mm×113mm×45.5mm	155mm×100mm×48mm
Weight	0.55Kg	0.65Kg	1.25Kg
Installation	DIN rail or wall mount		
Working Condition	Operating Temp:-30℃ to 75℃ | Storage Temp:-30℃ to 75℃		
Reliability	MTBF: 600000h Warranty: 1 Year		

Managed Industrial Switch

KXS408G-2SFP / KXS416G-2SFP

- Supports Gigabit Ethernet ports and Gigabit SFP ports
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.



CE FC

Technical Specifications

Modle	KXS408G-2SFP	KXS416G-2SFP
Picture		
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at	
Switch Type	Store and forward	
Security	IEEE 802.3 x full duplex, back pressure flow control	
MAC Table	8K	16K
Packet Buffer	2Mbit	3.2Mbit
Switching Delay	<4μs	<10μs
Gbps	10Ghz	12Ghz
Level	8.6Mpps	18.4Mpps
Number of Port	10	18
Specification	Gigabit, 8 RJ45 ports, 2 SFP ports,DC 12~50V	Gigabit, 8 RJ45 ports + 4 SFP ports (Single/Multi-mode), DC 12~50V
Optical fiber	1000Base-X(SFP)	1000BaseFX(SC),1000Base-X(SFP)
RJ45 PORT	10/100/1000 BaseT(X)	
Power Connection	Input Voltage: 12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.	
Size	155mm×100mm×48mm	165mm×140mm×45mm
Weight	1.25Kg	2.35Kg
Installation	DIN rail or wall mount	
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C	
Reliability	MTBF: 600000h Warranty: 1 Year	

KAXA

Commercial Switch

KX-SG100(X) Series

- Rich port configurations with diverse port specifications
- Flexible expansion to meet network scaling demands
- Comprehensive security & control: VLAN, port isolation, access control and more
- Easy management & maintenance, supports Web management interface



Technical Specifications

Modle	KX-SG1005	KX-SG1008	KX-SG10016	KX-SG10024
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at			
Switch Type	Store and forward			
Security	IEEE 802.3 x full duplex, back pressure flow control			
MAC Table	2K	4K	32K	32K
Packet Buffer	1Mbit	2Mbit	3.2Mbit	8Mbit
Packet Forwarding Rate	1.2Mpps	2.4Mpps	14.8Mpps	32Mpps
Switching Delay	<10μs			
Gbps	4.2Ghz	8.4Ghz	32Ghz	48Ghz
Level	Level 2, Unmanaged			
Number of Port	5	8	16	24
Optical fiber	1000Base-FX(SC/ST) | 1000Base-X(SFP)			
RJ45 PORT	10/100/1000 BaseT(X)			
Power Connection	Input Voltage: 12V ~57V Terminal Inser::6P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.			
Size		140mmx80mmx25mm	155mm×125mm×38mm	
Weight		0.3Kg	2.35Kg	
Installation	Desktop mounting			
Working Condition	Operating Temp:-30°C to 75°C | Storage Temp:-30°C to 75°C			
Reliability	MTBF: 600000h Warranty: 1 Year			

Wireless Network Server

KXN 2210

- RS232/RS485 baud rate up to 921.6 Kbps
- Serial to Wi-Fi transparent transmission
- Web-based configuration
- Supports WEP, WPA, WPA2 encryption for data security
- Enables fast wireless roaming



Technical Specifications

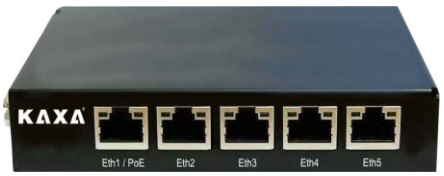
Modle	KXN 2210
Standard	IEEE 802.11b/g/n
Security	SSID broadcast enable/disable | Firewall for MAC/IP/Protocol/Port filtering | 64-bit and 128-bit WEP encryption | WPA/WPA2-Personal(TKIP and AES) | WPA/WPA2-Enterprise(IEEE 802.1X/RADIUS/TKIP and AES) IEEE 802.11 for Wireless Security | IEEE 802.3 for 10BaseT | IEEE 802.3u for 100BaseT(X) | IEEE 802.3ab for 1000BaseT
Frequency	2.412 to 2.462 GHz(11 channels)
Data Rate	300Mbps
Distance	150m
Antennas	2 Dual-Band ommi-directional antennas,3 dBi,RP-SMA(male) Extension Antenna Port:RP-SMA(female)
Rj45 Port	1,RJ45,10/100/1000BaseT(X) auto negotiationconnection,Passive POE, Speed F/H duplex mode,and auto MDI/MDI-X
Power Connection	Input Voltage：Passive 24V POE or DC 8-30 VDC inputs Power：12W（Max）
Standard Protocol	Proxy,ARP,BOOTP,DNS,HTTP,HTTPS,IP,ICMP,SNTP,TCP,UDP,RADIUS,SNMP,PPPOE,DHCP,LLDP
LED light	PWR,LAN,WLAN,SIGNAL
Size	114×114×33mm
Shell	Metal,providing IP 30 protection
Installation	DIN-rail mounting,Wall mounting
WorkingCondition	Operating Temp：-40°C to 80°C | Storage Temp：-40°C to 80°C | RH：5% to 95%
Safety Certification	CE | FCC
Reliability	MTBF: 600000h | Warranty: 1 Year

KAXA

Industrial Firewall

KX-FW2504

- 4 Gigabit Ethernet ports, 1 Gigabit PoE port, 1 RS232 console port
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.



CE FC

Technical Specifications

Modle	KX-FW2504
Standard	IEEE 802.3/802.3 i/802.3u/802.3ab/802.3z
Switch Type	Store and forward
Security	IEEE 802.3 x full duplex, back pressure flow control
MAC Table	8K
RAM	1GB
Storage	512MB
Switching Delay	<4μs
Gbps	8Ghz
Level	Level 3, Managed
Number of Port	5
Specification	Gigabit, 8 RJ45 ports, 2 SFP ports, DC 12~57V
Optical fiber	1
RJ45 PORT	10/100/1000 BaseT(X)
Power Connection	Input Voltage：12V ~57V　Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.
Size	125mm×100mm×30mm
Weight	0.85Kg
Installation	DIN-rail mounting
Working Condition	Operating Temp:-30°C to 75°C ｜ Storage Temp:-30°C to 75°C
Reliability	MTBF: 600000h　　Warranty: 1 Year

Industrial Wireless Controller

KX-WLC5508

- 4 Gigabit Ethernet ports, 1 Gigabit PoE port, 1 RS232 console port
- Adopts industrial-grade components; 4000V lightning protection on all ports.
- Dual power redundancy with reverse polarity protection.
- IP40 protection rating. Durable metal housing for high reliability.



CE FC

Technical Specifications

Modle	KX-WLC5508
Standard	IEEE 802.3/802.3 i/802.3u/802.3af/802.3at
Switch Type	Store and forward
Security	IEEE 802.3 x full duplex, back pressure flow control
MAC Table	8K
RAM	1GB
Storage	512MB
Switching Delay	<4μs
Gbps	8Ghz
Level	Level 3, Managed
Number of Port	5
Specification	AP Licenses: 64: 64, Max User Access: 1024
Optical fiber	1
RJ45 PORT	10/100/1000 BaseT(X)
Power Connection	Input Voltage：12V ~57V Terminal Inser::4P 5.08mm insert Supports overload protection, reverse polarity protection, power redundancy and surge protection.
Size	125mm×100mm×30mm
Weight	0.85Kg
Installation	DIN-rail mounting
Working Condition	Operating Temp：-30°C to 75°C ｜ Storage Temp：-30°C to 75°C
Reliability	MTBF: 600000h Warranty: 1 Year

KAXA

Handheld Terminal

KXP 1000 Series

- Rugged design for harsh environments
- IP65 protection rating
- Wide temperature range: -20℃ to 65℃
- Built-in multiple functions: GPS, electronic compass, NFC, Bluetooth, Wi-Fi
- High-capacity lithium battery



CE FC

Technical Specifications

Modle	KXP 1000-4Q	KXP 1000-45A	KXP 1000-5M	KXP 1000-6M	KXP 1000-6Q	KXP 1000-8M
Picture						
System	Android 9.0	Android 5.1/7.0	Android 8.1	Android 8.1	Android 5.1	Android 8.1
Chipset	MSM8953(8core) 2.0GHz	ARM CortexA53 (4core) 1.5GHz	MTK8735b/MT8735A Quad-coreARM® Cortex-A53MPCortTM 1.1GHz	MTK8735b/MT8735A Quad-coreARM® Cortex-A53MPCortTM 1.1GHz	Qualcomm 8909 四核1.1GHz	MTK6762(8core) 2.0GHz
RAM	4GB	3GB	1GB/2GB/3GB	1GB/2GB/3GB	1GB/2GB	4GB
ROM	64GB	32GB	8GB/16GB/ 32GB/64GB	8GB/16GB/32GB	16GB/32GB	64GB
Screen	4-inch Resolution400*800 IPS screen	4.5-inch Resolution540*960 AFFS/IPS screen	5-inch Resolution720*1280 IPS screen	5.98-inch Resolution720*1280 IPS screen	5.98-inch Resolution720*1280 IPS screen	8-inch Resolution1800*1920 IPS screen
Communication	WIFI802.11(a/b/g/n) Bluetooth 4.0 Built-in GPS Built-in NFC	WIFI802.11(a/b/g/n) Bluetooth 4.0 Built-in GPS Built-in NFC	WIFI802.11(a/b/g/n) Bluetooth 4.0 Built-in GPS Built-in NFC	WIFI802.11(a/b/g/n) Bluetooth 4.1 Built-in GPS Built-in NFC	WIFI802.11(b/g/n) Bluetooth 4.1 Built-in GPS Built-in NFC	WIFI802.11(b/g/n) Bluetooth 4.2 Built-in GPS Built-in NFC
Carmen	Front camera: N/A Rear camera: 8MP	Side camera: 5MP Rear camera: 8MP	Side camera: 2MP Rear camera: 8/12MP	Side camera: 2MP Rear camera: 5/8MP	Side camera: 2MP Rear camera: 5/8MP	Side camera: 5MP Rear camera: 13MP
Sensor	Gyroscope Sensor，Gravity Acceleration Sensor，Ambient Light Sensor，Proximity Sensor					
Power	4000mAh	5000mAh	4000mAh	5000mAh	5000mAh	11800mAh
Interface	TF Slot ×1 SIM Slot ×1 Type-C ×1 3.5mm Headset ×1 2-pin Dock Charge ×1 8-pin Rear ×1	TF Slot ×1 Standard SIM Slot ×1 Mini USB ×1 3.5mm Headset Jack ×1 Dock Charge ×1	TF Slot ×1 SIM Slot ×1 Micro USB ×1 3.5mm Headset ×1 Dock Charge ×1	TF Slot ×1 SIM Slot ×1 Micro USB ×1 3.5mm Headset ×1 Dock Charge ×1	TF Slot ×1 SIM Slot ×1 Micro USB ×1 3.5mm Headset ×1 Dock Charge ×1	TF Slot ×1 SIM Slot ×1 Type-C ×1 USB ×1 / DC ×1 3.5mm Headset ×1 Dock Charge ×1
Button	Numeric Keypad (16 keys) Barcode Scanner ×2 Power Key ×1 Volume Keys ×1	Numeric Keypad (1 keys) Barcode Scanner ×2 Power Key ×1 Volume Keys ×1	Home ×1 Barcode Scanner ×2 Power ×1 Volume ± ×1 Others ×3	Home ×1 Barcode Scanner ×2 Power ×1 Volume ± ×1 MENU ×1	Home ×1 Barcode Scanner ×2 Power ×1 Volume ± ×1 MENU ×1	Custom Keys F1/F2/F3/F4 Side Keys ×2 Power ×1 Volume ± ×1
Scanner	自带二维码扫描	N/A	N/A	N/A	N/A	N/A
Working Condition	Operating：-10°C to 50°C Storage：-20°C to 60°C	Operating：-20°C to 65°C Storage：-40°C to 70°C	Operating：-10°C to 50°C Storage：-30°C to 70°C	Operating：-10°C to 50°C Storage：-30°C to 70°C	Operating：-10°C to 50°C Storage：-30°C to 70°C	Operating：-20°C to 65°C Storage：-40°C to 70°C
Reliability	Warranty: 1 Year					

Rugged Tablet Series

KXP 2000 Series

- Rugged design, vibration and shock resistant
- Premium material, compact structure, flexible installation
- Wide operating temperature range, suitable for various scenarios
- Equipped with multiple I/O ports



CE FC

Technical Specifications

Modle	KXP 2000-8i	KXP 2000-8R	KXP 2000-10i	KXP 2000-10Q
Picture				
System	win10/Android 4.4	Android 9.0/LINUX/银河麒麟	Win7/Win10/LINUX	Android 9.0
Chipset	Intel Quad-core Atom Z3735F 1.33GHz to 1.86GHz	Rk3399 Dual-coreCortex-A72/ Quad-coreCortex-A53	Intel Core i5-8250U 四核八线程 1.6GHz 最大频率3.4GHz	MSM8953(8core) 2.0GHz
RAM	2GB	4GB	8GB DDR4	4GB
ROM	32GB	64GB	128GB	64GB
Screen	8.1-inch Resolution1280*800 IPS screen	8-inch Resolution1280*800 IPS screen	10-inch Resolution1200*1920 IPS screen	10-inch Resolution1280*800 IPS screen
Communication	WIFI802.11(a/b/g/n) Bluetooth 4.0 GPS内置	WIFI802.11(a/b/g/n/ac) Bluetooth 4.2	WIFI802.11(a/b/g/n/ac) Bluetooth 4.2	WIFI802.11(a/b/g/n) Bluetooth 4.0
3G/4G	WCDMA(900/2100MHz) GSM(900/1800MHz)	N/A	N/A	LTE B1/3/5/7/8/20/28/39/40/41 WCDMA1/2/5/8 | GSM2/3/5/8
Carmen	Front camera: 2MP Rear camera: 5MP	Front camera: 2MP Rear camera: 5MP	Front camera: 2MP Rear camera: 8MP	Front camera: 2MP Rear camera: 13MP
Power	8500mAh	6000mAh	双电池 总量:14000mAh	10000mAh
Adapter	AC 100V~240V 50Hz/60Hz output 5V/3A	AC 100V~240V 50Hz/60Hz output 5V/3A	AC 100V~240V 50Hz/60Hz output 19V/3.42A	AC 100V~240V 50Hz/60Hz output 5V/3A
Interface	USB 2.0 ×1 External Storage: Max 64GB 3.5mm Headset ×1 HDMI 1.4a ×1 DC ×1 Pogo Pin ×1	USB 3.0 ×1 TF Slot ×1 (Max 128GB) 3.5mm Headset ×1 Type-C ×1 HDMI 1.4a ×1 DC ×1	USB 3.0 ×1 TF Slot ×1 (Max 256GB) 3.5mm Headset ×1 Type-C ×1 HDMI 1.4a ×1 DC ×1	USB 3.0 ×1, Type-C ×1 TF Slot ×1 (Max 128GB) SIM Slot ×1 RJ45 (10/100M Auto) ×1 HDMI 1.4a ×1 Fingerprint ×1
Appearance	尺寸:228x147x16.5mm Net Wt: 630g Color: Black	尺寸:227x150x21mm Net Wt: 680g Color: Black	尺寸:290x196x22mm Net Wt: 1040g Color: Black	尺寸:280x187x22mm Net Wt: 1014g Color: Black
Carmen	Stylus | Charging Dock QR & NFC | 4-point Strap	Stylus | Charging Dock | Strap	Stylus | Charging Dock	Stylus | Charging Dock | Scan Head | Car HolderCar Charger | Shoulder Strap | Back Strap + Leather Case
Protect Level	IP67	IP65	Ip65	Ip65
Working Condition	Operating:-10°C to 60°C Storage:-30°C to 70°C	Operating:-10°C to 50°C Storage:-20°C to 60°C	Operating:-20°C to 60°C Storage:-30°C to 70°C	Operating:-10°C to 50°C Storage:-30°C to 70°C
Reliability	Warranty: 1 Year			

KAXA

Industrial Tablet Series

KXP 3000 Series

- Multiple size options for diverse application scenarios
- IP65/IP68 protection rating
- Industrial capacitive / resistive touchscreen optional
- High-capacity lithium battery



CE FC

Technical Specifications

Modle	KXP 3000-7 Series	KXP 3000-8 Series	KXP 3000-10 Series	KXP 3000-12 Series
System	Win7/10/LINUX/Android			
Screen	7-inch Resolution1024*690/ 800*480/1280*800	8-inch/8.4-inch Resolution800*600/ 1024*768	10.1-inch/10.4-inch Resolution1280*800/800*600/ 1024*768	12.1-inch Resolution1280*800/1024*768
Chipset	Intel Celeron/ARM/ Intel Atoml	Intel Celeron/ARM/ Intel Atoml	Intel Celeron/ARM	Intel Celeron
RAM	4G			
ROM	32/64/128/256GB			
Power	12VDC			
Weight	180g	200g	250g	400g
Communication	WIFI/LAN			
Reliability	Warranty: 1 Year			

Modle	KXP 3000-15 Series	KXP 3000-17 Series	KXP 3000-19 Series	KXP 3000-21 Series
System	Win7/10/LINUX/Android	Win7/10/LINUX	Win7/10/LINUX	Win7/10/LINUX/Android
Screen	15-inch/15/6-inch Resolution1024*768/1920*1080	17-inch Resolution1280*1024	19-inch Resolution1440*900	21.5-inch Resolution1920*1080
Chipset	Intel Celeron/ARM	Intel Celeron	Intel Celero	Intel Celeron/AMR
RAM	4GB/8GB	2GB/4GB/8GB	2GB/4GB/8GB	2GB/4GB/8GB
ROM	32/64/128/256GB			
Power	12VDC			
Weight	450g	650g	650g	800g
Communication	WIFI/LAN			
Reliability	Warranty: 1 Year			

Industrial PC Series

KXP 4000 Series

- Rugged design, vibration and shock resistant
- Premium materials, compact structure and flexible installation
- Wide temperature operation for various scenarios
- Multiple I/O interfaces equipped



CE FC

Technical Specifications

Modle	KXP 4303	KXP 4525	KXP 4540	KXP 4610
Picture				
System	Windows/LINUX			
Size	273.7x274.6x145mm	196x180x31mm	300x224x108mm	450x427x177mm
Chipset	CPU:Intel i3/5/7 HD Graphics530	CPU:Intel i5 HD Graphics5100	CPU:Intel i3/5/7 HD Graphics530	CPU:Intel i3/5/7 显HD Graphics530
RAM	1*UDIMM DDR4 1866/2133/2400MHz	1*DDR3 8GB	2*204pin DDR3 S0-DIMM	4*DDR3
ROM	1*m-SATA,4*SATA2	1*MSATA SSD	1*m-SATA,2*SATA	SATA3
Vedio	1*DB15 1920*1200@60Hz 1*DP ,4096*2304@60Hz	1*VGA 1*HDMI	1*VGA 1*HDMI	1*VGA | 1*DVI 1*HDMI
I/O Interface	2*RS232|4*USB3.0|9*USB2.0 1*PS/2KB|1*PA/2MS 4*GPIO|5*RJ45兆|1*Audio 2*VGA|1*HDMI 1*PCIx8	2*USB3.0|4*USB2.0 1*LAN千兆|1*WIFI 1*JAE Tx25 OPS_C(80pin)	6*RS232|4*USB3.0|6*USB2.0 1*USB2.0/1PS|/2KB 1*PS/2MS|8*GPIO||1*Audio 1*VGA|1*HDMI 2*PCI-e	2*LAN| 2*USB3.0|10*USB2.0 6*COM | 1*LPT | 1*PS/2
Audio	2*Single-port Socket	1*MIC,1*Line-out	1*Line-out	1*Line-out
Color	Gray	Black	Silver	Gray / Black
Watch Dog	Level 1 - 225	N/A	Level 1 - 225	N/A
Working Temp	-10~60°C	-10~60°C	-20~70°C	0~60°C
Material	High-quality steel plate	High-quality galvanized	Full die-cast aluminum alloy	1.2mmcarbon structural steel
Power	AC 100~240V	DC 12V/5A	9~36VCD 4-pin	100V/240V
Weight	4.5KG	2KG	5.3KG	9.8KG
Installation	Desktop | Wall-mounted	Slot-mounted	Desktop | Wall-mounted	4URack-mounted
Reliability	Warranty: 1 Year			

ANT-M-1000 Series



The ANT-M-1000 series is a lightweight multi-band mushroom antenna equipped with RP-SMA connectors. It supports radio frequency applications including 433M, LoRa, Zigbee, Bluetooth, Wi-Fi, RFID, LTE, GPS, GSM and GPRS. Designed for operation within a temperature range of -40°C to 75°C.

Featuring compact size, high gain and excellent receiving sensitivity, this feed-through antenna ensures firm installation. With an IP67 protection rating, it is well suited for a wide range of complex operating environments.

Modle	ANT-M-1000	ANT-M-1100	ANT-M-1200	ANT-M-1300	ANT-M-1400	ANT-M-1500	ANT-M-1600	ANT-M-1700
RF type	Supports integration of two RF types	Wi-Fi	LoRa	433M	GSM/GPRS/LTE	Zigbee/bluetooth	RFID	GPS
Antenna type	-	Omni-directional						
Antenna gain	-	5 dBi						
Interface	RP-SMA(male)	RP-SMA(male)						

ANT-T-1000 Series



The ANT-T-1000 series is a lightweight multi-band patch antenna fitted with RP-SMA connectors. It supports RF signals such as 433M, LoRa, Zigbee, Bluetooth, Wi-Fi, RFID, LTE, GPS, GSM and GPRS, and operates at temperatures from -40°C to 75°C.

Compact in size, it delivers high gain and superior receiving sensitivity. The patch structure enables stable installation. With an IP67 protection rating, it adapts to various complex application scenarios.

Modle	ANT-T-1100	ANT-T-1200	ANT-T-1300	ANT-T-1400	ANT-T-1500	ANT-T-1600	ANT-T-1700
RF type	Wi-Fi	LoRa	433M	GSM/GPRS/LTE	Zigbee/bluetooth	RFID	GPS
Antenna type	Omni-directional						
Antenna gain	5 dBi						
Interface	RP-SMA(male)						

ANT-D-1200/1500 Series



The ANT-D-1200/1500 series are large directional antennas equipped with N-type / RP-SMA connectors. They operate at 2.4 GHz and 5 GHz, with a maximum frequency range of 2300 MHz~2500 MHz and 4900 MHz~6000 MHz. The working temperature range is -40°C to 75°C.

Boasting an elegant appearance, the antennas adopt pole-mount installation. Featuring high gain and excellent receiving sensitivity together with IP67 protection rating, they are applicable for indoor and outdoor sites with harsh and complex conditions.

Modle	ANT-D-1210	ANT-D-1211	ANT-D-1220	ANT-D-1221	ANT-D-1510	ANT-D-1511	ANT-D-1520	ANT-D-1521
RF type	2.3 to 2.5GHz		2.3 to 2.5GHz		4.9 to 6 Ghz		4.9 to 6 Ghz	
Antenna type	Omni-directional		MIMO2×2,Omni-directional		Omni-directional		MIMO2×2,Omni-directional	
Antenna gain	18 dBi	18 dBi	18 dBi	18 dBi	20 dBi	20 dBi	17 dBi	17 dBi
Interface	N Type(male)	RP-SMA(male)	N Type(male)	RP-SMA(male)	N Type(male)	RP-SMA(male)	N Type(male)	RP-SMA(male)

ANT-L-1100 Series

The ANT-L-1100 series is an omnidirectional antenna fitted with RP-SMA connectors. It covers frequency ranges of 2400~2500 MHz and 5150~5850 MHz, with a gain of 5 dBi ± 0.5 dBi, and is applicable to a wide range of wireless communication scenarios.
It operates at temperatures from -40°C to 55°C and has a maximum power rating of 10 W. Featuring a streamlined appearance and 90° foldable design, it delivers high receiving sensitivity and stable performance, making it suitable for complex and harsh indoor environments.



Model	Antenna gain	Color	Length	Frequency	Installation
ANT-L-1103	5dbi±0.5dbi	Black	13mm ×195mm	2.4-2.5GHz 5.15-5.85GHz	RSMA Type(male)
ANT-L-1105	5dbi±0.5dbi	White	13mm × 195mm	2.4-2.5GHz 5.15-5.85GHz	RSMA Type(male)

ANT-L-2500 Series

The ANT-L-2500 series is an omnidirectional antenna equipped with N-type connectors. It supports frequency bands of 2400~2500 MHz and 5150~5850 MHz for various wireless communication applications. Its operating temperature ranges from -40°C to 55°C, with a maximum power rating of 50 W. Boasting a compact design and pole-mount installation, the antenna features high receiving sensitivity and reliable performance. With IP65 protection, it is suitable for complex and harsh indoor and outdoor environments.



Model	Antenna gain	Power	Length	Frequency	Installation
ANT-L-2506	6dbi±0.5dbi	10W	20mm × 950mm	2.4-2.5GHz 5.15-5.85GHz	N Type(male)
ANT-L-2506	9dbi±0.5dbi	10W	20mm ×950mm	2.4-2.5GHz 5.15-5.85GHz	N Type(male)

KXSFP Series

The KXSFP series optical transceivers operate at -40°C to 70°C. They support LC single-mode/multi-mode dual-fiber ports and Ethernet interfaces, with 100M/1000M auto-adaptive transmission rate and a maximum transmission distance of 20 km. These modules are compatible with all KAXA products equipped with SFP ports.



Modle	KXSFP-1G-LC-MM	KXSFP-1G-LC-SM	KXSFP-100M-LC-MM	KXSFP-100M-LC-SM	KXSFP-1G-RJ45	KXSFP-100M-RJ45
Range	500m	20km	500m	20km	100m	100m
Connector type	Dual-LC	Dual-LC	Dual-LC	Dual-LC	RJ45	Rj45
Data rate	1Gbps	1Gbps	100Mbps	100Mbps	1Gbps	100Mbps
Wavelength	850nm/1310nm	1310nm/1550nm	850nm/1310nm	1310nm/1550nm	-	-
Transmission media	Multi-mode Optical Fiber	Single-mode Optical Fiber	Multi-mode Optical Fiber	Single-mode Optical Fiber	twisted pair	twisted pair

KX-CABLE-50-12

The KX-CABLE-50-12 leaky coaxial cable functions as an RF antenna. It radiates wireless signals along its entire length from RF devices, ensuring stable signal transmission and reception in special environments. This cable is designed for 2.4 GHz and 5 GHz frequency bands.



Model	Length	Diameter	Frequency	Installation
KX-CABLE-50-12-5	500m	15.8mm	5GHz	Wall-mounted
KX-CABLE-50-12-2	500m	15.8mm	2.4GHz	Wall-mounted



KX-NK-50-12

Used for terminating the end of a leaky coaxial cable (LCX). Wireless devices connect to the leaky cable via the KX-NK-50-12 connector.

Model	Length	Diameter	Frequency	Installation
KX-NK-50-12-52	52mm	22mm	0~6GHz	Field-installable
KX-NK-50-12-35	35mm	22mm	0~6GHz	Field-installable



KX-N-XW-50

The KX-N-XW-50 terminating resistor is mounted at the end of leaky coaxial cables without antenna accessories. It maintains proper impedance at the cable end and prevents unwanted RF interference.

Model	Length	Diameter	Power	Frequency	Installation
KX-N-2W-50	35mm	18mm	2W	0~6GHz	N (male)
KX-N-5W-50	35mm	18mm	5W	0~6GHz	N (male)



KX-RSMA-2W-50

The KX-RSMA-2W-50 terminating resistor is installed on unused antenna ports of wireless devices. It matches the impedance of the ports and avoids unwanted RF interference.

Model	Length	Diameter	Power	Frequency	Installation
KX-RSMA-2W-50	18.75mm	9mm	2W	0~6GHz	RSMA (female)
KX-RSMA-2W-50	18.75mm	9mm	2W	0~6GHz	RSMA(male)



KX-AD-15/8

The KX-AD-15/8 is a mounting clip for fixing leaky coaxial cables.

Model	Length	Color	Material	Installation
KX-AD-15/8	15.8mm	Black	Flame-retardant plastic	Single-leaf connected type
KX-AD-15/8	15.8mm	Black	Flame-retardant plastic	Snap-open type



KX-3D-FB-RSMA-N-1

The KX-3D-FB-RSMA-N-1 feeder cable is used to connect wireless devices with antennas or leaky coaxial cables.

Model	Length	Diameter	Frequency	Installation
KX-3D-FB-RSMA-N-1	1m	5mm	0~6GHz	RSMA (male)/N (male)
KX-3D-FB-RSMA-N-1	1m	5mm	0~6GHz	RSMA (female)/N (female)



PROFESSIONAL TEAM

The company has a professional team, including R&D, sales, implementation, and after-sales teams, which have accumulated rich industry experience and numerous successful cases, committed to providing customers with comprehensive, efficient, and high-quality services.

R&D TEAM

SALES TEAM

IMPLEMENTATION TEAM

AFTER SALES TEAM

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BUSINESS SCOPE

Logistics & Warehousing	Power Systems	New Energy	Industrial Internet
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