JetNet 6728G-24P | JetNet 6728G-16P | JetNet 5728G-24P | JetNet 5728G-16P

Rackmount Managed PoE Switch

Interface				
10/100/1000TX Ports	24(PoE+)	24(16 PoE+)	4(combo)	
10/100TX Ports			24(PoE+)	24(16 PoE+)
1GbE SFP Fiber Ports	4		4(combo)	
DI/DO (Dry Relay)	DO		DO	
Console/USB	RS232/USB		RS232	
DC Power input	2x44-57VDC(IEEE 802.3af) 2x50-57VDC(IEEE 802.3at)		2x44-57VDC(IEEE 802.3af) 2x50-57VDC(IEEE 802.3at)	
AC Power input	1x90-264 VAC		1x90-264 VAC	
Features				
Korenix Cyber Redundancy+ (MSR, MultiRing, TrunkRing, RDH, SuperChain, ITU-T G.8032 ERPS)	●	●	Korenix Cyber Redundancy (MSR, MultiRing, TrunkRing, RDH)	
Korenix Cyber Security+ (DHCP Snooping, IP Source Guard, DAI, DOS)	●	●		
IPv4/IPv6 ACL(L2/L3/L4) Security	●	●	IPv4 ACL(L2/L3/L4) Security	
Industrial Protocol (ModBus/TCP, EtherNet/IP)	●	●	ModBus/TCP	
EEE Energy Saving	●	●		
Korneix Veiw/Korenix NMS	●	●	●	●
PoE Features				
PoE Wiring	1,2,3,6		1,2,3,6	
PoE Specification	IEEE802.3af, IEEE802.3at		IEEE802.3af, IEEE802.3at	
PoE Technology	PoE Priority Control, PD keep alive checking, PoE Scheduling		PoE Priority Control, PD keep alive checking, PoE Scheduling	
Embedded AC power	300W		300W	
Total PoE Budget	230W@AC(75°C) 300W@AC(-40~60°C) 720W@DC(-40~75°C)	230W@AC(75°C) 300W@AC(-40~60°C) 480W@DC(-40~75°C)	240W@AC(50°C) 300W@AC(-25~40°C) 540W@DC(-25~65°C)	240W@AC(50°C) 300W@AC(-25~40°C) 340W@DC(-25~65°C)
SW/Protocol				
IPv6 Management	●	●	●	●
RSTP/MSTP	●	●	●	●
Traffic Priority (QoS)	8 Queues/port		8 Queues/port	
VLAN,P-VLAN, QinQ, GVRP	4K VLANs		4K VLANs	
IGMP Query, Snooping, GMRP	●	●	●	●
IEEE 802.1AB LLDP Network Discovery	●	●	●	●
IEEE 802.3ad LACP	●	●	●	●
IEEE 1588 PTP v1/v2	HW time stamping		SW based	
Jumbo Frame/MAC Address	9.2Kbytes/16K		9.2Kbytes/16K	
Broadcast Storm Protection	●	●	●	●
DDM SFP	●	●	●	●
IEEE 802.1x, IP/Port Security SSL /HTTPS, SSH/Telnet	●	●	●	●
TACACS+, Radius	●	●		
SNMP/RMON/Trap	●	●	●	●
CLI/Web/Telnet	●	●	●	●
HW/ME				
Ingress Protection/Housing	Robust IP40		IP31	
Dimesnion (HxWxD mm)	44 x 440 x 378.5		44 x 431 x 375	
Mounting	Rackmount		Rackmount	
Operating Temperature	-40~75°C (fanless)		-25~65°C (fanless)	
MTBF (hrs)	> 202,000		> 202,000	> 216,000
Certification				
Regulatory/Approval	CE/FCC		CE/FCC/UL/CB	
Compliance Standard	EN50121-4		EN50121-4	

● Supported

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JetNet 7714G | JetNet 6910G-M12 HVDC | JetNet 6910G-M12 LVDC | JetNet 7310G | JetNet 5310G | JetNet 4706 JetNet 4706f

M12 Giga Managed Industrial PoE Switch / Managed Industrial PoE Switch

Interface						
100TX Ports	10 x M12-D (8 PoE+)	7 x M12-D (POE+)			8 x RJ-45	6 x RJ-45 (4706) 4 x RJ-45 (4706f)
100/1000TX Ports	4 x M12-A	1 x M12-A (PoE+) 2 x M12-A (w/Bypass)		8 x RJ-45	2 x RJ-45	
SFP w/DDM				2 1000Mbps SFP	2 x SFP Combo w/RJ-45	2 100Mbps SC/ST (option) (4706f)
DI/DO (Dry Relay)				1 DI, 1 DO	1 DI, 1 DO	1 DO
Console	M12-A RS-232, USB	M12-A RS-232, USB	M12-A RS-232, USB	RJ-45 RS-232	RJ-45 RS-232	RJ-45 RS-232
Power Input	2 x DC 110V	2 x DC 110V	2 x DC 24V	2x DC 54V (48~57V)	2 x DC 48V (48~57V)	2 X DC 48V (48~57V)
Features						
Network Redundancy (MSR, RSTP/MSTP, LACP, ITU-T G.8032 ERPS)	●	MSR, RSTP/MSTP, LACP		●	MSR, RDH, MultiRing, RSP/MSTP, LACP	MSR, RSTP/ MSTP, LACP
Network Security (Port, IEEE802.1x Port w/Radius Server ,IEEE802.1x MAB, SSL/HTTPs,SSH/Telnet	Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet	Port, IEEE 802.1x Port w/Radius Server, SSL/HTTPs, SSH/Telnet		●	Port, IEEE 802.1x Port w /Radius Server, SSL/HTTPs, SSH/Telnet, IEEE 802.1xMAB	Port Secutiry
Advnced Security (L2/3/4 ACL) DHCP Snooping, IP Source Guard, DAI,DoS,IPv6 RA Guard, IPv6 ACL)	●			●		
Korneix Veiw/Korenix NMS	●	●	●	●	●	●
Industrial Protocol (Modbus/TCP, Ethernet/IP)				●	●	
Power over Ethernet						
PoE Ports	8 (FE)	8 (7x FE, 1 GbE)		8	8	4
Power Feeding Mode	M12-D (1,2,3,4)	M12-D (1,2,3,4) M12-A (1,2,3,6)		RJ-45 (1,2,3,6) (A)	RJ-45 (1,2,3,6) (A)	RJ-45 (4,5,7,8) (B)
PoE Mode	IEEE 802.3af/at	IEEE 802.3af/at		IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af
PoE Scheduling	●	●	●	●	●	●
Total PoE Budget	120W/60°C	120W/60°C		240W/70°C	240W/70°C	80W/60°C
L3 Protocols						
L3 Routing	●			●		
Multicast Routing	●			●		
VRRP Gateway Redundancy	●			●		
SW/Protocol						
Management (SNMP V1/2c /3, CLI, Web, Trap, RMON)	●	●	●	●	●	●
Traffic Priority (QoS)	●	●	●	●	●	●
VLAN,P-VLAN, QinQ, GVRP	●	VLAN,GVRP		●	VLAN, GVRP	Port Based VLAN
IGMP Query, Snooping, GMRP	●	IGMP Query, Snooping		●	●	IGMP Query, Snooping
IEEE 802.1AB LLDP	●	●	●	●	●	●
IEEE 1588 PTP v1/v2	IEEE 1588 PTP V1	IEEE 1588 PTP V1		●	●	
Jumbo Frame	9Kbytes			9Kbytes		
DHCP (Server, Client, Opt 82, Port Based Server)	●	●	●	●	●	
HW/ME						
Housing Protection (IP)	IP30	IP30		IP31	IP31	IP31
Dimesnion (HxWxD mm)	145.2 x 198 x 120	145.2 x 198 x 120		122 x 231 x 122	160 x 95 x 127	46.5 x 147.8 x 136
Mounting	Wall Mount	Wall Mount		DIN Rail	DIN Rail	DIN Rail/ Wall Mount
Operating Temperature	-40~70°C	-40~70°C		-40~75°C	-40~75°C	-40~60°C
MTBF (hrs)	>500,000	>365,000		> 200,000	>200,000	>200,000
Certification						
Regulatory/Approval	CE/FCC	CE/FCC		CE/FCC	CE/FCC/UL	CE/FCC/UL
Compliance Standard	EN50155, IEC 61373	EN50155, IEC 61373		EN50121-4, IEC 61373		

● Supported

JetNet 3906G | JetNet 3810Gf JetNet 3810G JetNet 3810f | JetNet 3710G | JetNet 3705 JetNet 3705f

Unmanaged Industrial PoE Switch

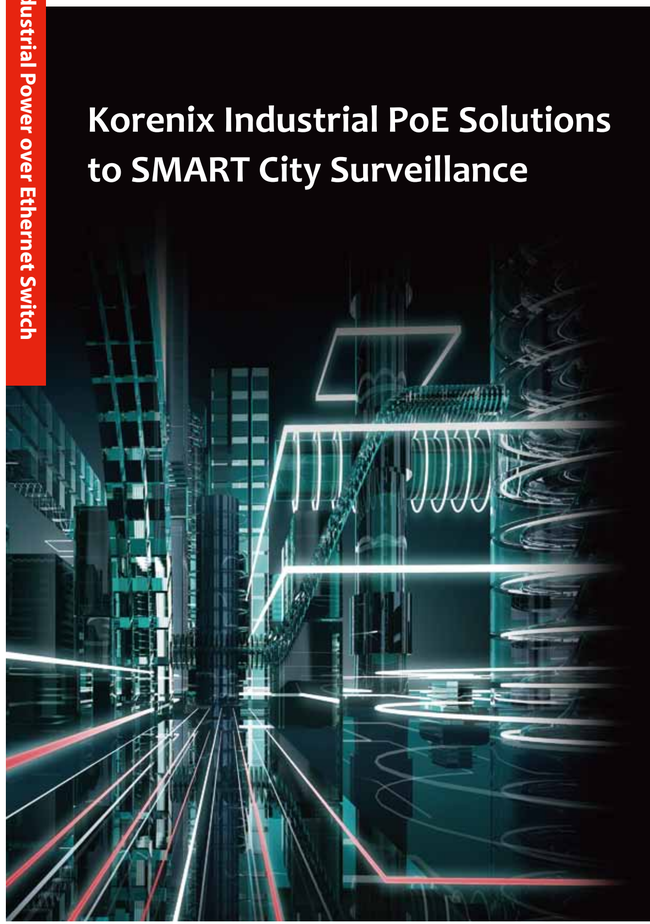
Interface				
100 TX Ports		8 x RJ-45	8	5(3705) / 4(3705f)
100/1000TX Ports	5 x RJ-45	2 x RJ-45(3810G)	2	
Fiber Ports	1 x FE/GbE SFP	2 x GbE/SFP (3810Gf) 2 x FE/SFP (3810f)		1 FE/SC, ST(Option)
DI/DO (Dry Relay)	1 x DO	1 x DO		1 x DO
DC Power input	2 x 12~36V	1 x 12~24V	1 x 48V (46~52V)	2 x 48V (Terminal), DC Jack
Hi-Pot	AC 1.5KV	AC 1.5KV		AC 1.2KV
Power Over Ethernet				
PoE Ports	4	8	8	4
Power Feeding Mode	1,2,3,6 (A)	4,5,7,8 (B)		4,5,7,8 (B)
PoE Mode	IEEE 802.3af/at	IEEE 802.3af		IEEE 802.3af
System PoE Budget	110W@24V, 65°C 90W@24V, 75°C	65W@24V, 60°C	65W@48V, 70°C	60W@48V, 70°C
Features				
PoE Power Booster	12~36V	12~24V	46~52V	
QoS	●	●	●	
Failure Alarm	Port, Power	Port		Port, Power
Jumbo Frame	9Kbytes			
HW/ME				
Housing Protection (IP)	IP31 Steel Metal	IP31 Aluminum		IP31 Aluminum
Dimesnion (HxWxD mm)	140 x 55 x 105	149 x 66 x 131.2		108 x 164.8 x 33.8
Mounting	DIN Rail	DIN Rail		DIN Rail
Operating Temperature	-40~75°C	-25~70°C		-20~70°C
Certification				
RoHS	●	●	●	●
Regulatory/Approval	CE/FCC/UL	CE/FCC/UL		CE/FCC/UL
Compliance Standard	NEMA TS2 Compliant	E-Mark		

● Supported

Korenix Technology, a Beijer Electronics Group Company, is devoted to designing and manufacturing high quality Industrial Ethernet and Wireless Products to ensure high quality and reliability of industrial networks.

Industrial Power over Ethernet Switch

Korenix Industrial PoE Solutions to SMART City Surveillance



korenix
A Beijer Electronics Group Company

JetNet 6728G
Industrial Full Gigabit Managed PoE Switch

- Up to 720W@75°C (PoE Capability)
- Robust IP40, EN50121-4
- Korenix cyber security+, korenix cyber redundancy+

Full Gigabit | Power Budget | IP40 | Wide Temp | Aluminum | EN50121-4

JetNet 5310G
Industrial Gigabit Managed PoE Switch

- IEEE 802.3af 15.4W / IEEE 802.3at 30W High Power PoE
- 240W total power budget for High-power PoE camera
- SFP ports support 100/1000 Mbps with Digital Diagnostic Monitoring (DDM) to monitor long distance fiber quality

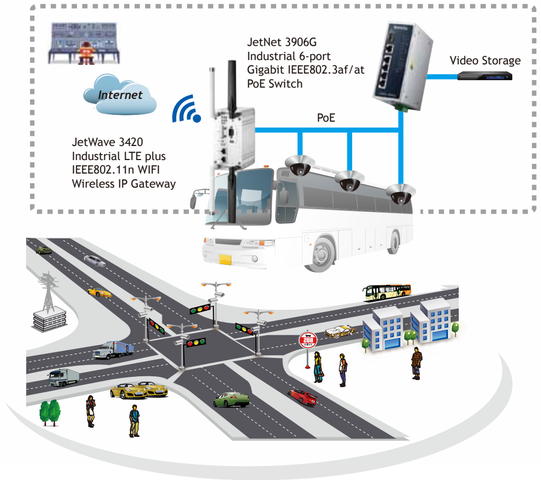
Gigabit | PoE | Wide Temp | Console Isolation | Cyber Redundancy | Heavy Industrial

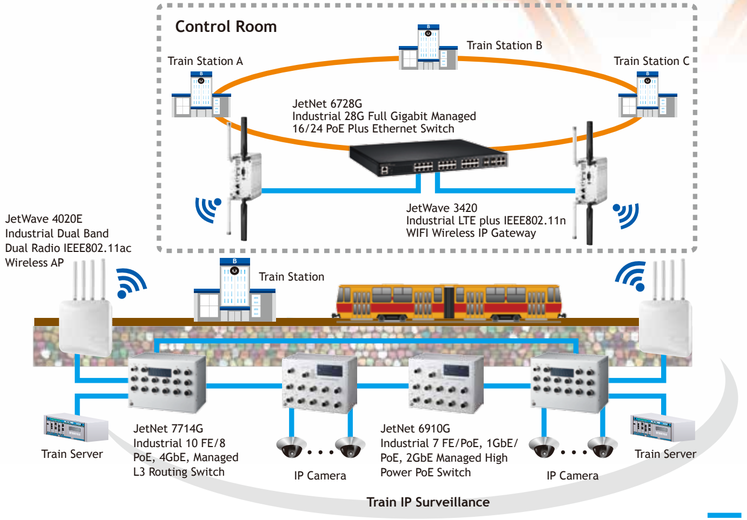
JetNet 3810G
Industrial Booster PoE Switch

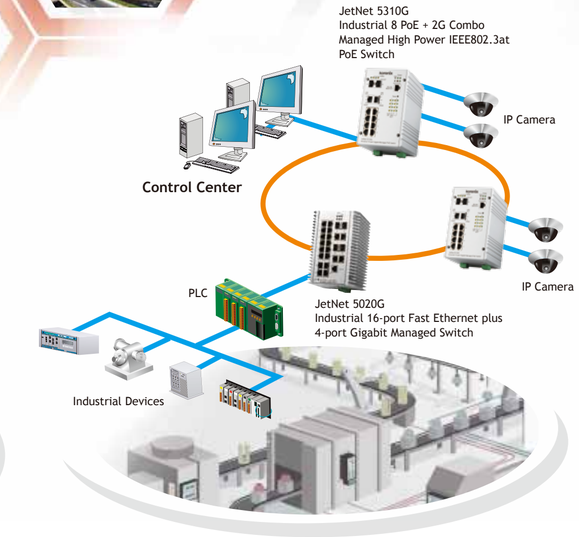
- Vehicle PoE: DC 12V~24V input, deliver 8 port PoE @48V
- IEEE802.3af compliant PoE: Total power budget is 65W* with max. 15.4W per port
- Support QoS for optimizing video and VoIP stream

Gigabit | PoE | Surveillance | Booster | Heavy Industrial

Industrial PoE Switch Family







Copper — Fiber

Why Korenix

Industrial PoE Switch for City Surveillance Case?

- **4 PoE Supply mode**
  - A. IEEE802.3af
  - B. IEEE802.3at PoE+ 2-event mode
  - C. IEEE802.3at PoE+ LLDP mode
  - D. Force Powering for non-standard PD
- **PoE Budget Control**
- **PoE prioritizing / scheduling**
- **Auto-detect reboot**
- **DC-DC Power Booster**