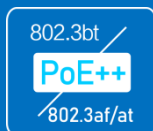




Industrial 4-Port Gigabit BT 90W PoE++ Ethernet Switch with 2 SFP Uplink



IES7211-4PGE2GF-4BT-DC

Key Features:

Ports: Provide 4*10/100/1000Mbps PoE++ ports and 2 *1.25Gbps SFP Uplink

PoE Standard: IEEE802.3af/at/bt Power over Ethernet (PoE) Compliant

PoE Out: Up to 90W Per Port, Total Power Budget: 336W

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

Wide Application: Designed for High-speed Wifi AP, PTZ IP Security camera and Digital Signage etc.

Surge protection: Protect the device from lighting surges and others electrical hazards

Working Temperature: -40 to 75 degrees operating temperature

Considerate Design: IP40 Industrial design with dual power input

Industrial Toughness & Wide Temp Range

Operates flawlessly from -40°C to 75°C with IP40 protection, 8KV surge defense, and rugged DIN rail mounting. Deploy worry-free in freezing warehouses, blazing factory floors, or dusty sites. Withstand voltage spikes from machinery and lightning. The compact rail-mount design saves space in control cabinets or roadside enclosures. Benefit: Slash maintenance costs and downtime with hardware built for harsh environments.

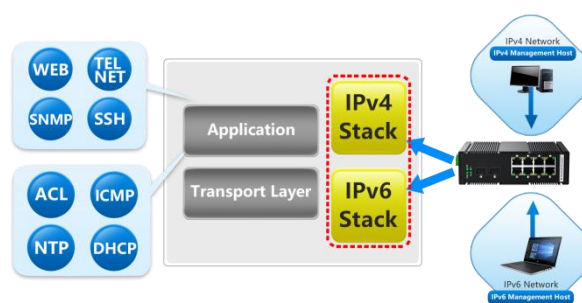


90W PoE++: Unleash Maximum Power for High-Draw IoT

IEEE 802.3bt compliant 90W PoE++ ports deliver massive power over a single cable, effortlessly driving high-draw PTZ cameras and Wi-Fi 6 APs. This plug-and-play solution eliminates AC wiring, slashing infrastructure costs while future-proofing your industrial network for next-gen IoT devices.

Zero-Downtime Reliability: Dual Redundant Power

Ensure 24/7 mission-critical uptime with Dual DC Redundant Power Inputs. This industrial-grade safety net guarantees seamless failover—if one power source fails, the other takes over instantly, preventing costly network downtime and data loss in harsh environments.



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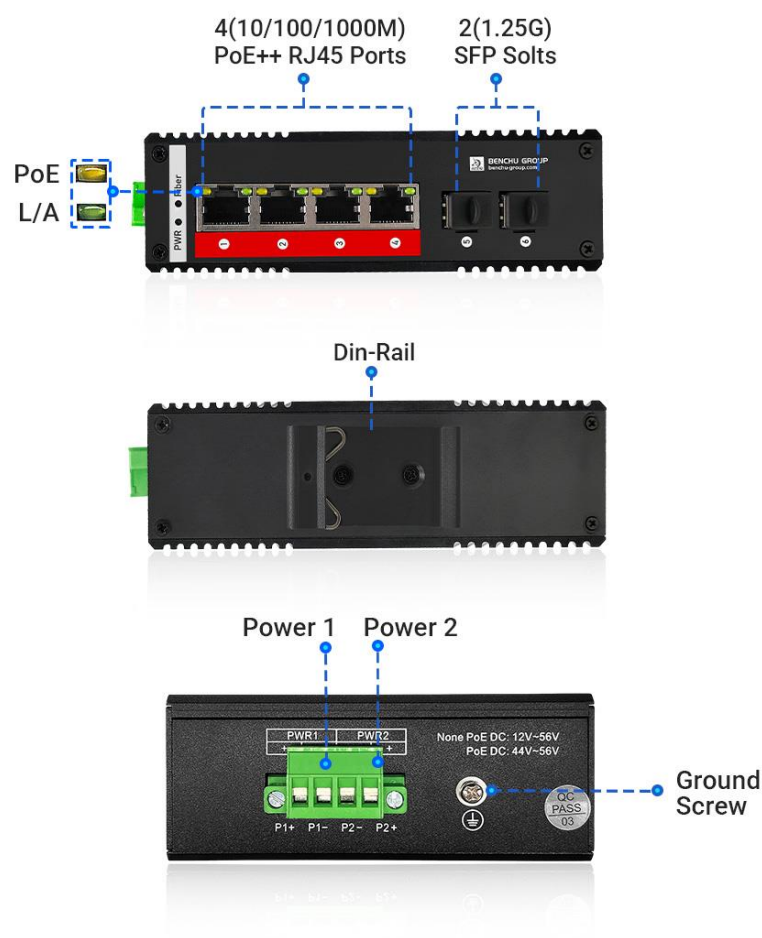
Industrial 4-Port Gigabit BT 90W PoE++ Switch with 2 Gigabit SFP

Technical Datasheet

Model	IES7211-4PGE2GF-4BT-DC
Hardware Specifications	
Connector	4* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2* 1000 Base-X SFP Slots
PoE Port	4* 802.3bt POE++ port (Max.90W Per port)
SFP	Singe fiber/Dual fiber supported. Distance vary the module
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(green) PoE Working Indicator: PoE(green)
Power Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2
Power Requirements	48~56V DC, 6A (max.) (>52V DC for PoE++ output recommended)
Power Consumption	Max. 3.6 watts (system on) Max. 336 watts (Full loading)
ESD Protection	Contact Discharge 6KV DC, Air Discharge 15KV DC
Enclosure	IP40 aluminum case, Fanless Design
Installation	Din Rail Mount
Dimension(W×D×H)	35mm x 95mm x 135mm
Weight	0.52Kg
Switching Specifications	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3z 1000BASE-X IEEE802.3x Flow Control
Switch Architecture	Store and Forward
Backplane bandwidth	24Gbps
Packet forwarding rate	14.88Mpps
MAC address	4k
Shared Data Buffer	4.1 megabits
Jumbo Frame	10 Kbytes
Flow Control	IEEE802.3X full-duplex and Backpressure half-duplex
Power over Ethernet (PoE) Specifications	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE IEEE 802.3bt Power over Ethernet Plus Plus /PSE
PoE Supply Type	1/2/4/5(+), 3/6/7/8(-) End-span
PoE Power Output	IEEE 802.3af Standard Per port 48V~51V DC, max. 15.4 watts IEEE 802.3at Standard Per port 51V~54V DC, max. 32 watts

	IEEE 802.3bt Standard
	Per port 54V~56V DC, max. 90 watts
PoE Power Budget	Dual power input: maximum 330W (depending on power input)
Standards Conformance	
Regulatory Compliance	FCC Part 15 Class A, EN 55032, EN 55035, ICES-003 issue 7, CE
Stability Testing	IEC 60068-2-32 (free fall)
	IEC 60068-2-27 (shock)
	IEC 60068-2-6 (vibration)
Standards Conformance	
Environment specification	Operating temperature: -40℃~75℃, operating humidity: 5%~95%
	Storage temperature: -40℃~85℃, storage humidity: 5%~95%

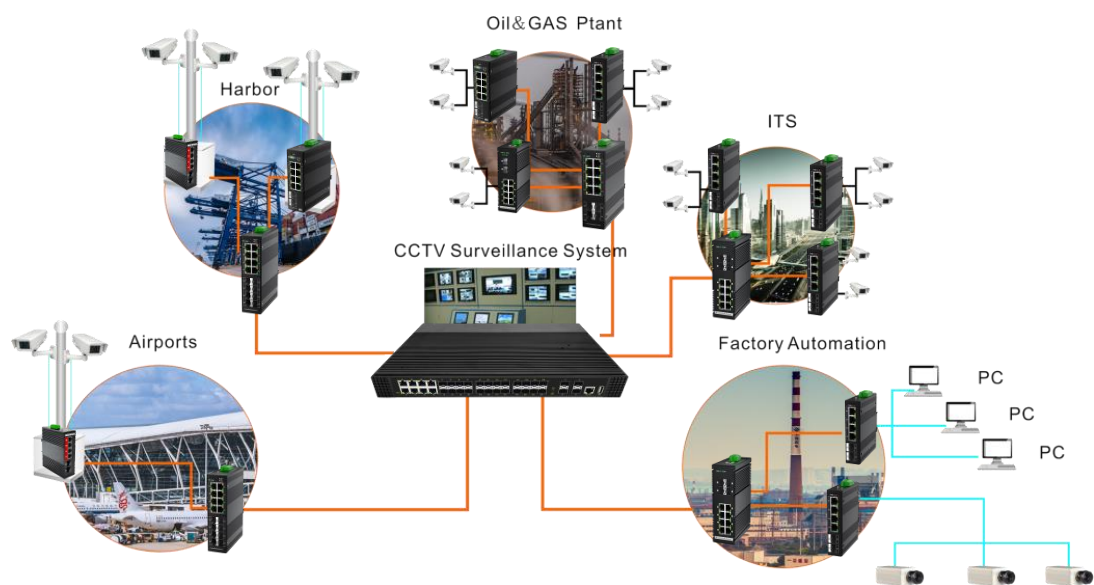
Mechanical Drawing



IES7211-4PGE2GF-4BT-DC

Industrial 4-Port Gigabit BT 90W PoE++ Switch with 2 Gigabit SFP

Applications



Ordering Information

IES7211-4PGE2GF-4BT-DC	Industrial 4 Ports gigabit unmanaged BT 90W PoE++ switch with 2 gigabit SFP ,Din rail, IEEE802.3af/at/bt
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