Allied Telesis IE220-10GHX Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grey

Brand : Allied Telesis

Product code: AT-IE220-10GHX-80

Product name : IE220-10GHX

8x 10/100/1000T, 2x 1G/10G SFP+, Industrial Ethernet, Layer 2+ Switch, PoE++ Support

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Industrial Ethernet Layer 2+ PoE++ Switches with 10G uplinks
Ruggedized switches built for enduring performance in harsh environments. Power over Ethernet (PoE++) connects and powers environmental, system control, and other key IIoT devices for a reliable and high-performing solution and 10G fiber uplinks ensure capacity for demanding edge applications. The IE220 Series enables safety, security, and smooth operation for building automation, intelligent transportation, and smart city networks.

Management features	
Switch type *	Managed
Switch layer	L2
Quality of Service (QoS) support	✓
Web-based management	✓
Traffic classification	✓
Traffic shaping	✓
ARP inspection	✓
Configuring Location Settings (CLI)	✓
System event log	✓

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	8
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	10
Combo SFP ports quantity	2
USB 2.0 ports quantity	1

Network	
Networking standards *	IEEE 802.1AX, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ad, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ac, IEEE 802.3bt
10G support *	✗
Full duplex	✓
Flow control support	✓
Link aggregation	✓
VLAN support	✓
Number of VLANs	4094

Data transmission	
Switching capacity *	56 Gbit/s
Throughput	41.7 Mpps
MAC address table *	16000 entries
Jumbo frames support	✓
Packet buffer memory	2 MB

Security	
DHCP features	DHCP client, DHCP snooping
Access Control List (ACL)	✓
IGMP snooping	✓
Security algorithms	802.1x RADIUS
BPDU filtering/protection	✓
Authentication	MAC-based authentication, Port-based authentication

Multicast features	
Multicast support	✓

Protocols	
Management protocols	SNMPv1/v2c/v3

Design	
Rack mounting *	✗
Product colour	Grey
Housing material	Aluminium, Metal
International Protection (IP) code	IP30
Wall mountable	✓
DIN rail mounting	✓

Performance	
Internal memory	512 MB
Flash memory	128 MB

Power	
Power source *	DC/PoE
Input voltage	37 - 57 V
Power consumption (max)	18.5 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✓
Power over Ethernet plus (PoE+) ports quantity	8
Power over Ethernet 4PPoE (PoE++) ports quantity	2

Weight & dimensions	
Width	65 mm
Depth	137 mm
Height	155 mm

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