

High Power, High Availability Switch with 24 x 10/100/1000T PoE+ ports and 4 x 1



DESCRIPTION

The Allied Telesis AT-IX5-28GPX is designed for high availability video surveillance applications, featuring dual hot-swappable power supplies, 1/10 Gigabit uplinks and extended temperature range. Supporting the full 30 Watts of PoE+ on all 24 ports simultaneously allows the IX5 to power the latest PTZ (Pan, Tilt, and Zoom) cameras. The AT-IX5-28GPX offers an impressive set of features in a high-value package, making it ideal for IP video surveillance applications.

TECHNICAL CHARACTERISTICS

Brand : ALLIED TELESIS

Part number : AT-IX5-28GPX

Réseau :

Full duplex : Y

10G support : Y

AC input frequency : 47/63 Hz

AC input voltage : 90 - 260 V

Access Control List (ACL) : Y

ARP inspection : Y

Auto-negotiation : Y

Basic switching RJ-45 Ethernet ports quantity : 24

Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)

BPDU filtering/protection : Y

Cable management : Y

Configuring Location Settings (CLI) : Y

Console port : RJ-45

Copper ethernet cabling technology : 1000BASE-T, 100BASE-T, 10BASE-T

Country of origin : China

Depth : 480 mm

DHCP features : DHCPv6 client, DHCP server, DHCPv6 relay, DHCP client

DoS attack prevention : Y

Flash memory : 64 MB

Flow control support : Y

Form factor : 1U

Forwarding rate : 95.2 Mpps
Heat dissipation : 276 BTU/h
Height : 44 mm
IGMP snooping : Y
Internal memory : 512 MB
IPv4 & IPv6 features : Dual stack IPv4/IPv6
Jumbo frames support : Y
Latency (1 Gbps) : 4.4 µs
Latency (10 Gbps) : 3.1 µs
Latency (10-100 Mbps) : 14.4 µs
LED indicators : Y
Link aggregation : Y
MAC address filtering : Y
MAC address table : 16000 entries
Management protocols : SNMPv1, v2c and v3, Telnet, DHCP
Memory type : DDR-SDRAM
MIB support : Y
Multicast MAC address table : 1000 entries
Multicast support : Y
Networking standards : IEEE 802.1x, IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Noise level : 52 dB
Number of power supply units : 1
Operating altitude : 0 - 3048 m
Operating relative humidity (H-H) : 5 - 90%
Operating temperature (T-T) : 0 - 50 °C
Packet buffer memory : 2 MB
Physical stacking (units) : 4
Port mirroring : Y
Power consumption (typical) : 81 W
Power over Ethernet (PoE) : Y
Power over Ethernet plus (PoE+) ports quantity : 24
Product colour : Grey
Quality of Service (QoS) support : Y
Rack mounting : Y
Rate limiting : Y
Security algorithms : 3DES, 802.1x RADIUS, AES, DES, EAP, HTTPS, MD5, PEAP, SHA-1, SHA-2, SSH, SSH-2, SSL/TLS, TTLS
SFP+ module slots quantity : 2
Spanning tree protocol : Y
SSH/SSL support : Y
Stackable : Y
Static route : Y
Storage relative humidity (H-H) : 5 - 95%
Storage temperature (T-T) : -25 - 70 °C
Switch layer : L2
Switch type : Managed
Switching capacity : 128 Gbit/s
Total Power over Ethernet (PoE) budget : 370 W
USB 2:0 ports quantity : 1
Virtual LAN features : Stacked VLAN, Private VLAN, Voice VLAN, Tagged VLAN
VLAN support : Y
Web-based management : Y
Weight : 5.4 kg

Width : 440 mm