X1500-8T1T1S

OVERVIEW

X1500-8T1T1S, designed with top-tier performance and cutting-edge technology, is a security surveillance Ethernet switch which aims at Ethernet high definition surveillance and security system. Its robust capabilities make it an ideal solution for a wide range of applications, including security network video surveillance, hotel connectivity, campus networks, and small to medium-sized enterprise networking.

This switch can be widely used in security network video surveillance, hotels, campuses, and network engineering of small and medium-sized enterprises.

FEATURE

High-Speed Connectivity
8x10/100/1000M RJ45, 1x10/100/1000M RJ45, 1x1G SFP.

Standards Compliance
IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, and IEEE 802.3x standards, ensuring compatibility with a wide range of networking equipment.

Adaptive Ports
Each RJ45 port supports adaptive speeds of 10/100/100Mbps for versatile network usage.

Auto MDI/MDIX Support

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Automatically detects and configures the connection type, simplifying installation and reducing configuration errors.

Integrated Status Monitoring

Integrated indicator lights provide real-time monitoring of the operating status, assisting in quick fault analysis and troubleshooting.

Efficient Flow Control

IEEE802.3x standard for full duplex flow control and Backpressure standard for half duplex, enhancing data transmission reliability.

SPECIFICATION

X1500-8T1T1S	
Network Port	8x10/100/1000M RJ45 port 1x10/100/1000M RJ45 port 1x1000M SFP
Network Protocol	IEEE 802.3 Ethernet Medium Access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3z 1000BASE-X Gigabit Fiber Optic Ethernet IEEE 802.3x Flow Control IEEE 802.1q VLAN Bridge Operation
Function Switch	1*: N_Standard Mode + V_Port Isolation + C_Current Control Mode
Network Port Characteristics	10/100/1000BaseT(X) auto-detect, full/half-duplex MDI/MDI-X adaptive
Forwarding Mode	Store-and-forward (full wire speed)
Bandwidth	20Gbps (non-blocking)
Packet Forwarding	14.44Mpps Supports 9K jumbo frame transmission
MAC Address	4K
Cache	2.5M
Transmission Distance	10BASE-T: Cat3,4,5 UTP(≤250m) 100BASE-TX: Cat5 or later UTP(≤150m) 1000BASE-TX: Cat6 or later UTP(≤150m) SFP: Support 100/1000M single-mode and multi-mode optical modules, maximum distance ≤120km (depending on the optical module).
LED	P:Power LED 10:(SFP LED) Port:(Green=10/100M LED+Orange=1000M LED)
Input method	External Power DC：12V 1A

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Operation Environment	Operating temperature: -10℃～55℃; Storage temperature: -40℃～75℃; Operating humidity: 5%～90% RH without condensation Storage humidity: 5%～95% RH non-condensing
Size (L*W*H)	Product size: 210x85x28mm Package size: 305x205x55mm
N.W./G.W (kg)	0.4kg/0.7kg
Lightning surge protection level	3KV 8/20us; IP30
Installation	Desktop（optional external wall hanger parts）
Certification	CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	Whole device for 1 year(Accessories not included)