DIREKTRONIK

DATA SHEET

8-Port 2.5GBASE-T +1-Port 10G Base-X SFP+ Multi-Gigabit Ethernet Switch

8-Port 2.5GBASE-T +1-Port 10G Base-X SFP+ Multi-Gigabit Ethernet Switch

Features

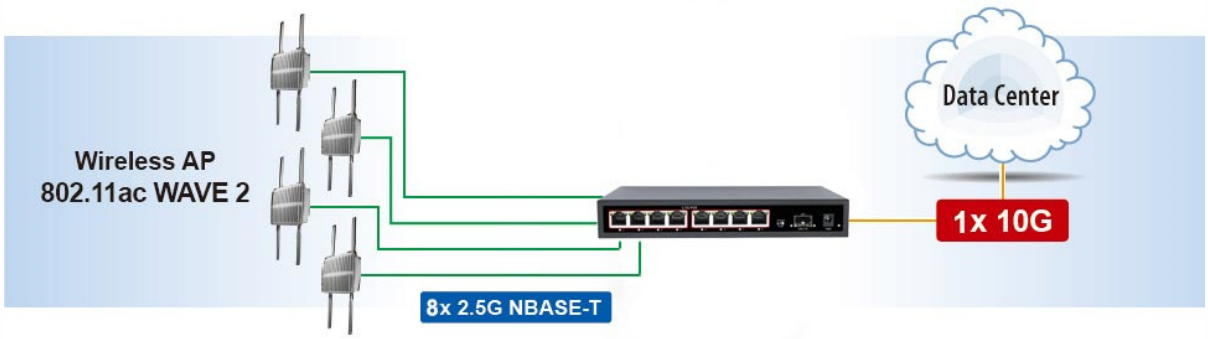
- 8x10/100/1G/2.5G Base-T RJ-45+ 1x10G Base-X SFP+
- IEEE 802.3bz (2.5G) compliant
- 2.5GBASE-T supports up to 2.5Gbps connection speeds
- Support VLAN
- Backwards compatible with 10/100/1000Mbps devices
- 60Gbps switching capacity
- Compatible with existing Cat5e or better cabling
- Fanless design eliminates noise



Overview

20127799 is a 2.5G Ethernet switch that provides 8 ports of electrical 10M/100M/1G/2.5GBase-T via RJ-45s and 1 port SFP slots of 10G Base-X which provide stable and reliable long-distance Ethernet transmission over optical fiber. These 2.5G Ethernet switches are equipped with 2.5GBASE-T RJ-45 ports that provide multi-gigabit speeds capable of up to 2.5Gbps over your existing Cat5e or better cabling. The FANLESS design provides high MTBF in indoor environments of operating temperature from -10 to 60°C (14 to 160°F). These switches are perfect choices for use in many environments, such as Data Center Networking, Intelligent Transportation Systems (ITS) and wireless access points, PTZ IP cameras, and VoIP telephony systems.

Application



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Specifications

Product Name	**8-Port 2.5GBASE-T +1-Port 10G Base-X SFP+ Multi-Gigabit Ethernet Switch**
Product Model	20127799
Connector	8*2.5Gbps RJ45 port, 1*10G SFP+
Network Medium	Cat5 (UTP) or more
Technology	
Network Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab Gigabit 1000BASE-T IEEE 802.3bz 2.5GBase-T IEEE 802.3ae 10Gb/s Ethernet IEEE 802.3x flow control and back pressure IEEE 802.3az Energy-Efficient Ethernet
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table Size	8K MAC address
Buffer memory	48Kb embedded memory per unit
Backboard Bandwidth	60Gpbs Full duplex
Network Latency	Less than 20us for 64-byte frames in store-and-forward mode for 100Mbps to 1000Mbps transmission
VLAN DIP Switch Function	
OFF	Port 1-8 of the Ethernet switch can communicate with each other
ON	Port 1-8 of the Ethernet switch are isolated from each other and can only communicate with the uplink SFP+ port respectively
Power	
Input	DC 12~55V
Power Adapter	DC 12V 1A
Overload current protection	Present
Mechanical	
Casing	Metal
Installation	Wall mounting/ Desktop
Interface	
LED Indicators	System: Power Per port: Link, Activity, Speed
Environment specification	
Operating temperature	-10-60℃(14-160℉)
Storage temperature	-40-70℃(14-158℉)
Operating humidity	90% maximum relative humidity, non-condensing
Storage humidity	95% maximum relative humidity, non-condensing
Regulatory Approval	
ISO	Manufactured in ISO9001 facility
Safety	CE/CCC/FCC
Warranty	2 Years
Dimensions	210*110*33mm (L*W*H)

Weight	N.W:1.1Kg G.W:1.3Kg

Order Information

Model	Description
20127799	8-Port 2.5GBASE-T +1-Port 10G Base-X SFP+ Multi-Gigabit Ethernet Switch
Mounting Options	► Wall mounting/ Desktop