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Core 10 Port Gigabit Switch

AP ESG 8210R

8GE+2SFP Ports Managed Reverse PoE Switch with 8-Port PoE

- **Port1-7 for PoE In, Port 8 for PoE Out, 2SFP Fiber UPLINK PORT.**

- **PoE Output 24V 1A.**

- **IP67 Waterproof box.**

- **Support 24V Passive PoE compliant PSD and PD.**

- **used for FTTx for power up ONU in building.**

- **Uplink Port for Gigabit SFP Fiber application.**

- **8K entry MAC address table with auto-learning and auto-aging.**

- **Support QVLAN ,QoS, RSTP Function.**

- **Support SNMP managed.**

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OVERVIEW

Reverse PoE Technology has intelligent Power management feature solving a major problem of powering the device for ISPs. This switch can be powered using Remote Power from customer end using specially designed reliable PoE Wireless Router from us or any standard PoE Injector (24V DC, 1A). This eliminates the need to arrange for power at building top and no UPS is needed / no money to be paid to society/power providing customer. This saves lot of MONEY for ISPs and improves service delivery with uninterrupted service to the customer.

HOW THIS PRODUCT WORKS

It integrates 2*1000Mbps Gigabit SFP Fiber Ports and 8*100/1000Mbps Gigabit Ethernet network capabilities. Port1-7 for PoE In, Port8 for PoE Out, Support 24V Passive PoE compliant PSD and PD, 2Gigabit SFP can do Uplink Port. 8 Auto-Negotiation RJ45 ports (port-1 to port-7) of the switch support Power over Ethernet (PoE) IN function. These PoE ports (port-1 to port-7)can automatically detect and accept power with those 24v Passive PoE compliant PSE. Then this switch can continue to power up next switch or wireless AP/CPE via PoE output port 8.

The switch provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. For more application of layer 2 switches, it supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Any more, the switch provides advanced features for network maintenance. Such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

EASY TO USE

it is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the reverse poe switch is a great selection for expanding your FTTB (fiber to the building) or FTTW (fiber to the wireless) network.

PRODUCT SPECIFICATIONS

Hardware	
Interface	8 RJ45 10/100/1000M ports 2SFP ports
Network Media	10Base-T: Pair 2 Category 3(Cat3) and above UTP/STP(≤150m) 100Base -TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤150m) 1000Base-T: Pair 4 Category 5(Cat5e) and above UTP/STP(≤150m) 1000Base-SX:62.5μm/50μm MMF(2m~550m) 1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Fan Quantity	Fanless
PoE Out	24V 1A
POE Ports(RJ45)	POE in Ports:Port1~7, POE out Port:Port 8
POE pin	4/5+, 7/8-
Exchange Capacity	20G
Mac Address Table	8K
Dimensions	Product Size：285mm*220mm*45mm（L*W*H）

SOFTWARE FEATURES	
Transmission Method	Store-And-Forward
L2 Features	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree STP/RSTP/MSTP Port isolation BPDU filtering/guard TC/Root protect Loop back detection 802.3x Flow Control
VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration
Management	Web-based GUI and CLI management SNMP v1/v2c/v3,compatible with public MIBs DHCP/BOOTP Client, DHCP Snooping, DHCP Option82 CPU Monitoring Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web System Diagnose: VCT SYSLOG & Public MIBS

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OTHERS	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card 2L Shape Mount+4 Shim
Environment	Working Temperature：0℃ ～ 40℃ Storage temperature ：-40℃ ～ 70℃ Working Humidity ：10% ～ 90% RH non-condensing Storage Humidity：5% ～ 90% RH non-condensing

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