MultiCo EW-P7168IW

16-port 10M/100M with 8 PoE port Rack-mount Web Smart Ethernet Switch

*** 16 Port with 8 PSE/Power over Ethernet Ports**

*** Web-based Configuration and Management**

*** 19” Industrial Size**

*** Auto-MDI/MDI-X**

*** Auto-Negotiation**

*** Non-Blocking**

*** Internal Power Supply**

INTRODUCTION

EW-P7168IW is 16-port 10M/100M with 8 PoE port Rack-mount Web Smart Fast Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

IEEE 802.3af Power over Ethernet (PoE) ports

EW-P7168IW features 8 IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 watts per port with total power budget of 130 Watts. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding EW-P7168IW to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don’t need to use heavy AC power adapters anymore.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat-5 Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Exceptionally Smart

EW-P7168IW-65W 16-port PoE Web Smart Fast Ethernet Switch features management ports that can be managed through Web Browser and provides Smart features that are ideal for simple QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features such as bandwidth control, and VLAN to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

SPECIFICATION

Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX IEEE 802.3x Full-duplex and Flow Control IEEE 802.1Q VLAN IEEE 802.3ad Trunk (Link Aggregation) IEEE 802.1p QoS / Class of Service, Priority Protocols IEEE 802.1d Spanning Tree Protocol IEEE802.3af Power over Ethernet
Features	Number of Ports: 16 PSE/Power over Ethernet Ports MAC Address: 4K Buffer Memory: 1.5 Mb Transmission Method: Store and Forward
Smart Features	**Port Security:** TCP / UDP port based MAC Address based **VLAN Setting:** Tag Based: 32, Port Based: 16, VLAN ID (1 - 4094) **QoS Setting:** Priority :three modes Class of Service Configuration(Port Based / TOS / DS/IP) TCP / UDP Port Based **Management:** On / Off PoE Port Settings, Bandwidth Control, Broadcast Storm Control Port Mirroring, Port Configuration Programmable aging timer IGMP Snooping v1/v2 Spanning Tree setting Per port counter Trunk Setting (2 Groups)
Filtering/Forwarding Rates	100Mbps port - 148,800pps, 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP, 100BaseTX Cat. 5 UTP/STP
Led Indicators	Per Port: Link/Act, PoE Act/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC Per Port Output
Power Consumption	130 Watts (Max)
Dimensions	440 × 220 × 44 mm (L x W x H)
Operating Temperature	0 to 45℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)