

BESP-7242W

LCSI

Web-Smart 24* 10/100TX w/ optional 16, or 24 POE Injector + 2* Giga Copper/ SFP Combo at optional full power and total power budget models



- * 24-Port 10/100BaseT(X) with optional 16, 24 PoE Injector + 2* Combo Gigabit Copper/SFP Open Slots * Web-based Configuration and Management
- * Optional full power or total power budget models
- * 19" Industrial Size
- * Internal Power Supply

BESP-7242W is 24-port 10/100M w/ optional 16, or 24 PoE + 2 Combo Gigabit Copper/ SFP Rack-mount Web Smart Ethernet PoE 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

BESP-7242W features up to 24 IEEE 802.3af Power over Ethernet (PoE) ports supplying Maximum up to 390 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 BESP-7242W 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.

2 Combo Gigabit Copper / 2 SFP Open Slots

BESP-7242W supports 2 Combo Gigabit Copper or 2 SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications

Exceptionally Smart

BESP-7242W 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 VLANs to secure your network. Through a Web-based interface, an administrator can set up PoE on/off, 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.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps, 100Mbps, or 1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200 or 2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Full-duplex and Flow Control IEEE 802.1Q VLAN IEEE 802.1p QoS / Class of Service, Priority Protocols IEEE802.3 Nway Auto-negotiation IEEE802.3af Power over Ethernet
Features	Number of Ports: 10/100BaseTX with RJ-45 Connectors: 24 PoE port 10/100/1000BaseT with RJ-45 Connectors: 2 / Combo SFP Open Slots: 2 MAC Address: 4K Buffer Memory: 2.75Mb Transmission Method: Store and Forward
Smart Features	Port Security Filter: TCP / UDP port based MAC Address based IP Address based VLAN Setting: Tag Based: 32 Port Based: 26 VLAN ID (Up to 4094 K) QoS: Priority (Port Based / TOS / Diffserv / DSCP/IPv4 /IPv6) Class of Service Configuration TCP / UDP Port Based Management: Password-protected Access On / Off PoE Port Settings, Web-Based Management Graphic User Interface Bandwidth Control Broadcast Storm Control Port Mirroring Port Configuration Programmable aging timer IGMP Snooping Trunk (up to 4 Ports per Group, 2 Groups per Device) Provide DHCP Client Quality of Service: up to 2 queues
Filtering/Forwarding Rates	1000Mbps port – 1,488,000pps, 100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
LED Indicators	Per Port: Link/Act, PoE : Act / Status Per Unit: Power
Power Input	90~260V/AC, 50~60Hz
Power Output	48V /DC Per Port Output
Power Consumption	Full Power Model: 260 Watts Max(16 POE) / 390Watt (24 PoE) Total Power Budget Models: 130 Watts Max(16 POE) / 260Watt (24 PoE)
Dimensions	TBD
Weight	5.5 kg
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

Order Information

Product Name	Description w/ With Administration, Port Management, VLAN, Per Port Count, Trucking, QoS, Security, Configuration backup/restore, IGMP
Full Power Models	
BESP-7242W-16	Web-smart 24* 10/100TX w/16* PoE + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit Ethernet Switch (IEEE 802.3af with full power of 260 watts for 16* POE port)
BESP-7242W-24	Web-smart 24* 10/100TX w/24* PoE + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit Ethernet Switch (IEEE 802.3af with full power of 390 watts for 24* POE port)
Total Power Budget Models	
BESP-7242W-16H	Web-smart 24* 10/100TX w/16* PoE + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit Ethernet Switch (IEEE 802.3af with total power budget of 130 watts for 16* POE port)
BESP-7242W-24H	Web-smart 24* 10/100TX w/24* PoE + 2 Combo Gigabit Copper / 2 SFP Rack-mount Gigabit Ethernet Switch (IEEE 802.3af with total power budget of 260 watts for 24* POE port)