

VIP-NET-M3200 L2+Ethernet switch w/ PoE+



The **VIP-NET-M3200** is a video over IP purpose built high-performance L2+Ethernet switch w/ PoE+ 802.3af/at per port 30W and provides L2+ wire speed and management functions. With the flexibility of modular slots supporting up to 32 ports, the VIP-NET-M3200 can be populated with 10G RJ45 modules with PoE, SFP+ modules, and 40G QSFP+ modules. The VIP-NET-M3200 delivers ITU G.8032 ring recovery in less than 20ms. With QoS, IGMP v1/v2/v3, and Jumbo Frame, the VIP-NET-M3200 provides smooth and reliable video over IP transport. Security functions including L2/L3 ingress and egress ACL, port-based DHCP server, and MAC-based DHCP server. Also supported is 802.3ad LACP, LLDP and CDP (Cisco Discovery Protocol) for network scanning.

Key Features

- Maximum 32x10G or 24x10G+2x40G
- Port-based IEEE802.1X authentication
- SNMPv1/v2c/v3 for different levels of network management
- Support LLDP and CDP for network discovery protocols
- Redundant dual AC input power 100V to 240V
- Supports IEEE-1588 PTP V2 for precise time synchronization to operate in Ordinary-Boundary**, Peer to Peer Transparent Clock**, End to End Transparent Clock**, Master/Slave mode by each port**
- RMON and MIB II for efficient network monitoring
- Intelligent Auto AV QoS
- IGMP snooping v1/v2/v3, IGMP query and IPv6 MLD snooping v1/v2 for AV network
- Support IEEE802.1Q VLAN, port based VLAN and GVRP
- MSTP up to 16 instances and backward compatible RSTP and STP
- Advanced PoE management functions, such as PD detection, scheduling, and health tracking
- Enhanced ITU G.8032 ring protection. Recovery time less than 20ms at max 250 switches for single ring
- WEB based management UI via HTTP/HTTPS. Also provide CLI, SSH, and telnet.
- QoS bandwidth control by 802.1p CoS (Class of service) and Di-Serv for ingress and egress, support addition track storm control
- Dynamic IEEE 802.3ad LACP link aggregation and static link aggregation

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Hardware Specification

STANDARDS

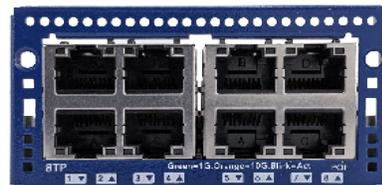
IEEE 802.3 10Base-T Ethernet
 IEEE 802.3u 100Base-TX Ethernet
 IEEE 802.3z Gigabit Ethernet IEEE 802.3z Gigabit Ethernet
 IEEE 802.3ae 10G Ethernet over Fiber
 IEEE 802.3an 10G Copper
 IEEE 802.3x Flow Control Capability
 ANSI/IEEE 802.3 Auto-negotiation
 IEEE 802.1Q VLAN IEEE 802.1p Class of Service
 IEEE 802.1X Access Control
 IEEE 802.1D Spanning Tree
 IEEE 802.1w Rapid Spanning Tree
 IEEE 802.1s Multiple Spanning Tree
 IEEE 802.3ad Link Aggregation Control Protocol (LACP)
 IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
 IEEE 802.1x User Authentication (Radius)
 IEEE 802.3 at/af PoE

Modular Slots

8x 10G RJ45 module w PoE

VIP-NET-M3200-8RJ45P-10G

(8) 10G RJ45 ports each with 802.3at/af support, PD detection, scheduling, health tracking, front panel LED, web UI, and API diagnostics



8x 10G SFP+ fiber module

VIP-NET-M3200-8SFP+10G

(8) 10G SFP+ slot ports with auto insertion detection



2x 40G QSFP+ fiber module

VIP-NET-M3200-SFP+40G

(2) 40G QSFP+ slot ports with auto insertion detection



8x 1G RJ45 module w PoE

VIP-NET-M3200-SFP+40G

(8) 1G RJ45 ports each with 802.3at/af support, PD detection, scheduling, health tracking, front panel LED, web UI, and API diagnostics



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Warranty

WARRANTY

Limited Warranty (3-Years)