

## Comnet CNGE24FX12TX12MSPOE Industrial Grade 24 Port Gigabit Managed Ethernet POE Switch/1x Mains Input and 2x Low Voltage DC Inputs

***This listing is for CNGE24FX12TX12MSPOE (POE, 1 × Mains Input, 2 × Low Voltage DC Inputs) Ethernet Switch only. Use description below as a general reference.***

The ComNet CNGE24FX12TX12MS[POE] has twelve 100/1000Base-FX SFP ports and twelve 10/100/1000Base-TX ports. All SFP ports utilize ComNet SFP modules for fiber and connector type and distance. The IEEE802.3-compliant unit offers multiple Ethernet redundancy protocols (MSTP/RSTP/STP/ERPS (G.8032)) which protect your applications from network interruptions or temporary malfunctions by redirecting transmission within the network. The switch provides advanced IP-based management that can limit the maximum bandwidth for each connected IP device, allowing the user to adjust usage. The CNGE24FX12TX12MSPOE models provide twelve electrical ports supporting up to thirty watts of power. All PoE ports are IEEE 802.3at compliant. Each model is provided with redundant power inputs which can be either one mains voltage and one or two low voltage DC inputs or two low voltage DC inputs.

### Features

- Supports IPV6 new internet protocol version
- Provided HTTPS/SSH protocol enhances network security
- Supports Device Binding security function
- IGMP v2/v3 (IGMP snooping support) for filtering multicast traffic
- Supports SNMP v1/v2c/v3 & RMON & 802.1Q VLAN Network Management
- Supports ACL, 802.1x User Authentication for security
- Multiple notifications warn of unexpected events
- Fast Redundancy/Recovery - MSTP/RSTP/STP (IEEE802.1s/w/D) and ERPS (G.8032)
- Supports IP-based bandwidth management
- Supports application-based QoS management
- Supports LLDP Protocol
- 19 inch rack mountable design
- Electric Port Supports Auto-negotiation for Full Duplex or Half Duplex Data Throughput
- Web-based, Telnet and Console (CLI) configuration, and Windows-based (eVision) monitoring
- Supports Jumbo Frame up to 9.6KB for streaming video applications
- Multiple power supply options available including internal mains AC and/or dual external DC inputs