

RCINGE16F2-MS Series Managed 16x 10/100/1000Base-T and 2x 1G (SFP) Ethernet Switch

The Rancent RCINGE16F2-MS is an Industrial Gigabit L2 Managed Switch equipped with sixteen 10/100/1000Mbps RJ45 ports and two 1000M SFP (fiber) uplink ports that provide stable and reliable Ethernet transmission. For fast and efficient connectivity from the network edge device to a backbone switch or server, the layer 2 managed Gigabit Ethernet switch is designed to extend existing LANs through one 1000Base-SX/LX/EX/BX SFP interface using either one or two multimode or singlemode fibers. The Industrial Managed Switches are fully managed Layer 2 switches not only incorporating the industry standard Rapid Spanning Tree Protocol (IEEE802.1w RSTP), but also a rapid ring recovery protocol enabling operational network recovery in the event of a network or power system failure.



Typical Applications

- Any network utilizing a mix of copper and fiber
- Industrial IP connectivity and communication
- Self-healing Gigabit Ethernet backbone networks
- Networks using Ethernet devices such as network cameras, access control, intercoms, etc

Product Features

- 16-Port 10/100/1000Base-T Gigabit Ethernet RJ-45 Ports
- 2-Port 1000Base-SX/LX/EX/BX SFP Type Slots
- Non-blocking store-and-forward switching
- RJ45 Port Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- Prevents Packet Loss w/Back Pressure (Half-Duplex) and IEEE 802.3x PAUSE Frame Flow Control (Full-Duplex)
- Available for operation in Ring or point-to-point configuration
- Available for operation over singlemode or multimode fiber over a variety of link budget
- Redundant dual power supply inputs 48/52 VDC
- 4KV Ethernet Surge Protection for harsh environment
- -40°C to 80°C (-40°F to 176°F) wide range operating temperature
- Real-time monitoring via Embedded Surveillance Device Management System
- Compact, corrosion resistant case attaches to a standard DIN Rails

