

### APPEARANCE



10/100TX

"Plug and Play" - No programming required!

### DESCRIPTION

The ComNet™ CNFE5SMS is a five-port self-managed Ethernet switch with uplink management functionality. It provides 5 ports operating at 10/100 Mbps and is designed to combine Ethernet data from the four electrical ports into a fifth electrical port and forward that data to the next network device. There is no programming required to use this switch. The ComNet CNFE5SMS comes pre-programmed, preventing network video flooding with a switch selection that allows the switch to be used as an uplink or as an unmanaged switch. It is "Plug-and-Play" easy to use. LED indicators confirm the operating status of this device. The ComNet CNFE5SMS may be either wall mounted, rack mounted ("ComFit" packaging) or DIN -rail mounted with the use of the ComNet DINBKT1 adapter.

### APPLICATIONS

- › IP Video Applications
- › 10/100 Mbps Ethernet
- › High Speed Computer Links

### FEATURES

- › No Programming Required
- › 10/100 Mbps Ethernet
  - 5 × 10/100 BASE-T/TX electrical ports
- › Electrical ports support Auto-Negotiation for 10 Mbps or 100 Mbps, full duplex or half duplex data.
- › Pre-programmed Port for uplink to other Ethernet device
- › Automatic MDI/MDI-X crossover
- › Designed to meet full compliance with the environmental requirements (ambient operating temperature, mechanical shock, vibration, humidity with condensation, high-line/low-line voltage conditions and transient voltage protection) of NEMA TS-1/TS-2 and the Caltrans Specification for Traffic Signal Control Equipment.
- › Voltage transient protection on all power and signal input/output lines provides unconditional protection from power surges and other voltage transient events.
- › Power and Activity status LED indicators
- › Hot-swappable rack modules
- › Interchangeable between stand-alone or rack mount use - ComFit
- › IEEE 802.3 compliant
- › Lifetime Warranty

SPECIFICATIONS

Data

Data Interface: Ethernet  
 Data Rate: 10/100 Mbps  
 IEEE 802.3 Compliant  
 Full Duplex or Half Duplex Electrical Ports

Connectors

Power: Terminal Block  
 Data: RJ45

LED Indicators

- Electrical Link/Data Activity
- Power

Electrical & Mechanical

Power: 9-24VDC@1A  
 Surface Mount: Wall or Flat Surface Screw Attachment  
 Number of Rack Slots: 1  
 Current Protection: Automatic Resettable  
 Solid-State Current Limiters  
 Meets IPC Standard  
 Circuit Board: 6.1 x 5.3 x 1.1 in. (15.5 x 13.5 x 2.8 cm)  
 Size (in./cm) (LxWxH)  
 Shipping Weight: <2 lbs./0.9 kg

Environmental

MTBF: >100,000 hours  
 Operating Temp: -40° C to +75° C  
 Storage Temp: -40° C to +85° C  
 Relative Humidity: 0% to 95% (non-condensing)\*

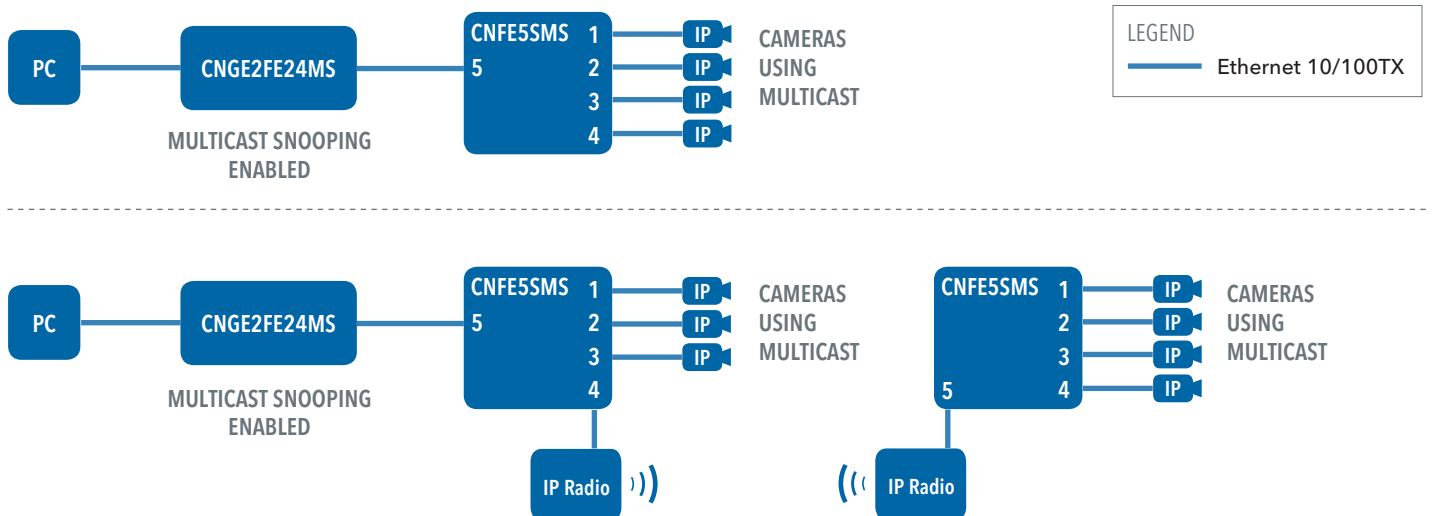


\* May be extended to humidity with condensation conditions by adding suffix '/C'

ORDERING INFORMATION

Part Number	Description	Maximum Distance
CNFE5SMS	5 Port 10/100 Mbps Ethernet Self-managed Switch 5TX	100m (328 ft)
Options	Add suffix '/C' for Conformally Coated Circuit Boards (Extra charge, consult factory)	
Accessories	9 volt DC Plug-in Power Supply 90-264 VAC 50/60 Hz (Included) DIN-Rail Mounting Adaptor Plate Kit - With mounting hardware (Optional, order model DINBKT1)	

TYPICAL APPLICATIONS



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