

Hardened Managed Switches

The 065-741xx series, managed, Ethernet switches are designed to operate in the harsh environments at the edge of the network. Whether on the factory floor or the street corner, the 065-741xx will provide flawless communications when you need it most. The 065-741xx is a managed switch with the flexibility of eight 10/100 Ethernet ports that may be configured in various combinations of copper and fiber optic interfaces.

To increase its flexibility a 9th port may be added that is a Gigabit Ethernet interface, configured with copper or fiber optics. Flexibility is a main feature of the 065-741xx series product and it will fit any application that requires a tough, environmentally hardened Ethernet switch.

FEATURES

- 4 Dual Media for Flexible Fiber Connection
- 9KB Jumbo Frame Support
- SSH/SSL/TACACS+/RADIUS for security network management
- Q-in-Q VLAN for performance & security and 4094 Vlan entries
- DHCP relay agent
- Multicast Vlan Management for IPTV
- IP-Mac-Port binding for LAN security
- 802.1x Access Control Improve Network Security
- 802.1D Compatible, 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree
- Unknown Unicast/Broadcast/Multicast Storm Control
- Port Mirroring Helps Supervisor Monitoring Network
- Based on Application traffic for QoS and rate limitation management



Model 065-7418

Hardened Managed Switches

PART NO.	DESCRIPTION
065-7418	Hardened Managed Switch with 8-Port 10/100BaseT/TX
065-74181	Hardened Managed Switch with 8-Port 10/100BaseT/TX + 1-Port 100BaseFX
065-74182	Hardened Managed Switch with 6-Port 10/100BaseT/TX + 2-Port 100BaseFX
065-74184	Hardened Managed Switch with 4-Port 10/100BaseT/TX + 4-Port 100BaseFX
065-74185	Hardened Managed Switch with 8-Port 10/100BaseT/TX + 1-Port 10/100/1000BaseTX
065-74186	Hardened Managed Switch with 8-Port 10/100BaseT/TX + 1-Port 1000BaseSX
065-74187	Hardened Managed Switch with 8-Port 10/100BaseT/TX + 1-Port 1000BaseLX – 10 Km
065-74187ED	Hardened Managed Switch with 8-Port 10/100BaseT/TX + 1-Port 1000BaseLX – 20 Km

SPECIFICATIONS

STANDARD

IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/100Base-FX,
IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/1000Base-LX,
IEEE802.3x, IEEE802.1Q, IEEE802.1p, IEEE802.1w

PERFORMANCE

Protocols: IGMP, GVRP, SNMP V1/V2, RMON, TFTP

Forward and Filtering Rate:

14,880 pps for 10 Mbps
148,810 pps for 100 Mbps
1,488,100 pps for 1,000 Mbps

Packet Buffer Memory: 256 Kbits

Processing Type: Store-and-Forward

Half-duplex back-pressure and IEEE802.3x full-duplex flow control

Address Table Size: 4KMAC addresses

Latency: Less than 9.6 μs

LEDs

Per Unit: Power Status (Power 1, Power 2)

Per Port: 10/100TX, 100FX: Link/Activity (Green), Speed (Yellow)

10/100/1000TX, 1000SX/LX: Link (Green), Activity (Yellow)

PHYSICAL CHARACTERISTICS

Power Input:

Input Voltage: 12V DC (Power Jack); 10 to 30V DC (Terminal Block)
Input Current: 2A Max

Power Consumption: 12V DC@1.48A, 24V DC@0.77A, 18.48W Max.

Reverse Polarity Protection: Present

Mechanical Casing: Aluminumcase

Dimensions (W x D x H): 50 x 125 x 135 mm

Weight: 0.8 Kg

Installation: DIN-Rail, Panel, Rack Mounting

Environment Operating Temperature: -34° – 74 °C

Storage Temperature: -40° – 85°C

Ambient Relative Humidity: 10-95% (non-condensing)

REGULATORY APPROVALS EMISSION COMPLIANCE:

FCC Part 15, Class A

SAFETY

UL 60950, EN 60950, IEC 60950, IEC 61000-6-2