

OM1006A

Industrial Ethernet Switch
Four 10/100/1000BASE-T PoE+ ports
Two 100/1000BASE-X fiber SFP ports

Applications

- Secure data environments
- Noisy RFI environments - factory floor
- IP cameras
- Star or Add/Drop topologies



Description

- Four 10/100/1000BASE-T electrical ports with or without PoE+.
- Two SFP fiber ports selectable as 100BASE-FX or 1000BASE-X.
- A USB console interface provides status and configuration.
- The rugged metal enclosure ensures low radiated and conducted emissions.
- The OM1006A-POE supports POE or PoE+; the OM1006A does not.
- It has several modes of operation.
 - It functions as a standard six port switch.
 - It functions as dual media-converter – two copper ports per fiber port.
 - It can mirror data to a monitor port
 - The SFPs can be trunked for a high throughput redundant fiber link.
 - LAN modes allow segregation of traffic.
 - It has a unidirectional single fiber transmission mode for security applications.

Features

- Receive optical power meters
- Single or multimode fibers
- Distances to 100 km
- PoE or PoE+ to 30W per port
- Link Pass Through
- Power/Link fail alarm relay
- Redundant power supply inputs
- Industrial temp. -40°C to 70°C
- DIN rail or 19" rack mount
- 5 Year warranty

Power Supply

- The OM1006A-POE supports POE or PoE+; the OM1006A does not output PoE.
- The OM1006A-POE power supply is ordered as a separate item.
- The power supplies range from 36 to 120 Watts.
- If two supplies are connected to the redundant inputs, the available PoE power is correspondingly increased.
- See PoE Power Supplies at <https://www.luxcom.com/product/poe-power-supplies/>

Specifications

Optical

The **SFP Modules** are a separate order item.

See 100BASE or 1000BASE SFPs at <https://www.luxcom.com/product/sfp/>

Electrical¹

| | |
|---------------------------|-----------------------|
| Data I/O levels | IEEE 802.3 compatible |
| Data I/O connectors | RJ45 |
| Power consumption | < 5 Watts (no PoE) |

General

| | |
|-----------------------------|----------------|
| Operating temperature | -40°C to 70°C |
| Humidity (RH) | 10% to 95% |
| MTBF | > 50,000 hours |
| Dimensions | 14 x 4 x 12 cm |

¹ Specifications are subject to change without notice.

Ordering Information

Modem Part Number: OM1006A or OM1006A-POE

Power Supply Part Number: The power supply is ordered as a separate item.
Specify a power supply from <https://www.luxcom.com/product/poe-power-supplies/>

SFP Optics: The **SFP Module** is a separate order item.
Choose 100BASE or 1000BASE SFPs from <https://www.luxcom.com/product/sfp/>

Accessories See www.Luxcom.com/om1006 for mounting accessories.