# ET1212H Series

### Hardened 1000Base-T to 1000Base-X SFP Ethernet Media Converter

## Features

### General

► Converts 1000Base-T to 1000Base-X
► Supports Full/Half duplex
► Supports external 1000Base-X SFP
► Supports Auto MDI/MDI-X
► Sleek Microtype design, fits within most camera housing
► Extensive LED indicators for network diagnostics
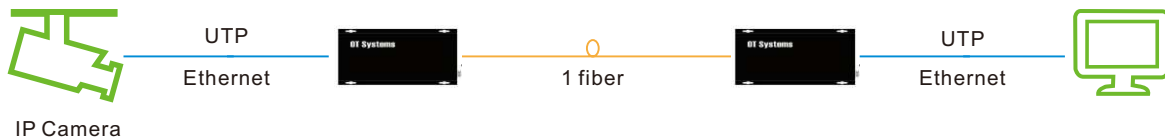► Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature

### Warranty

► 3-Year Warranty

## Ordering Information

| Model | Description |
|---|---|
| **ET1212H-S-MT** | Hardened Microtype 1000Base-T to 1000Base-X SFP Ethernet Media Converter |
| SFP Options | ■ (S) = SFP option. Please select your SFP option on our SFP Options page. |
| Mounting Options | ■ Built-in Wall Mount Bracket.<br>■ Rack-mountable on 1U rack MR-C10 (Purchase Separately). |
| Power Options | ■ ET-PA/12V    1.25A 12VDC Power Adaptor. Open wire for Terminal Block.<br>■ Power Adaptor is included for all sales. |

## Typical Application



IP Camera        UTP Ethernet        1 fiber        UTP Ethernet

## Specifications

### Ethernet

| | |
|---|---|
| Standards: | IEEE802.3ab 1000Base-T |
| | IEEE802.3az Gigabit Fiber |
| Processing Type: | Forward |
| | Half-duplex, Full-duplex |
| Forward Filter Rate: | 1,488,000pps (1000Mbps) |
| Cabling: | 1000Base-T: Cat5 or above |
| Maximum Distance: | Cat5 UTP up to 100m |
| Connector: | 1 x RJ45 |
| Optical Port: | 1 x SFP 1000Base-X |

### Environmental

| | |
|---|---|
| Operating Temperature: | -40°C to 75°C (-40°F to 167°F) |
| Storage Temperature: | -40°C to 85°C (-40°F to 185°F) |
| Relative Humidity: | 5% to 95% non-condensing |

### Electrical and Mechanical

| | |
|---|---|
| Input Power: | 12VDC (Terminal Block) |
| Power Consumption: | 2.4W Max. 0.2A@12VDC |
| LED Indicators: | |
| Power: | Power Status |
| 1000TX: | Link/Activity, Speed |
| SFP: | Link/Activity |
| Dimensions (WxDxH): | 36.2 x 117 x 24.5 mm |
| Weight: | 0.15Kg |
| Casing: | Metal Case |
| Mounting Options: | Wall-mount / MR-C101U Rack |

### Regulatory Approvals

ISO9001
FCC Part 15, Class A
EN55022:2006+A1: 2007 Class A
Surge Protection:
  RJ45: 1KV
  Power: 500V
ESD: 4KV/8KV

**Media Converter**