

ET1212H-S-MT

Hardened Microtype 1000Base-TX to 1000Base-FX SFP Ethernet Media Converter

Features

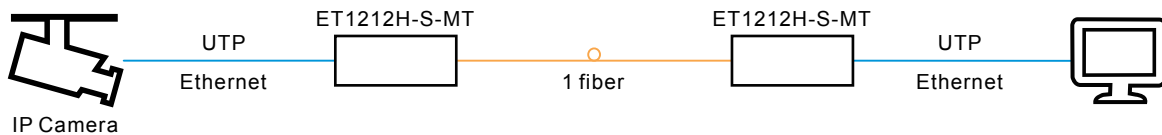
- ▶ Converts 1000Base-TX to 1000Base-FX SFP
- ▶ Supports Full/Half duplex
- ▶ Supports external 1000Base SFP
- ▶ Supports Auto MDI/MDI-X
- ▶ Sleek Microtype design, fits within most camera housing
- ▶ Extensive LED indicators for network diagnostics
- ▶ Environmentally hardened
-40°C to 75°C (-40°F to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



Warranty

- ▶ 5-Year Warranty

Typical Application



Specifications

Ethernet

| | |
|---------------------|---|
| Standards | IEEE802.3ab 1000Base-T IEEE802.3z Gigabit Fiber IEEE802.3x Flow Control |
| Processing Type | Forward |
| Forward Filter Rate | 1,488,000pps (1000Mbps) |
| Cabling | 1000Base-T: Cat5 or above |
| Maximum Distance | Cat5UTP up to 100m |
| Connector | 1 x RJ45 |
| Optical Port | 1 x SFP 1000Base-X |

Electrical and Mechanical

| | |
|------------------------|-----------------------------|
| Input Power | 12VDC (DC Socket) |
| Power Consumption | 2.4W Max. 0.2A@ 12VDC |
| LED Indicators | |
| Power | Power Status |
| 1000TX | LINK/Activity, Speed |
| SFP | LINK/Activity |
| Dimensions (W x D x H) | 36.2 x 117 x 24.5 mm |
| Weight | 0.15 Kg |
| Casing | Aluminum case |
| Mounting Options | Wall-mount / MR-C10 1U Rack |

Environmental

| | |
|-----------------------|--------------------------------|
| Operation 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 |
| MTBF | > 300,000 hrs |

Specifications

Regulatory Approvals

ISO9001, CE, FCC, RoHS
 EMI
 EN55022:2010+AC:2011, Class A
 EN61000-3-2:2006+A1: 2009+A2:2009
 EN61000-3-3: 2013
 EN55024:2010
 EMS
 IEC 61000-4-2:2008 (ESD)
 IEC 61000-4-3:2010 (RS)
 IEC 61000-4-4:2012 (EFT)
 IEC 61000-4-5:2014 (Surge)
 IEC 61000-4-6:2013 (CS)
 IEC 61000-4-8:2009 (PFMF)

Ordering Information

| Available Model | Description |
|-----------------|-------------|
|-----------------|-------------|

| | |
|---------------------|--|
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|---------------------|--|

Optional Accessories (to be purchased separately)

| | |
|---------------|--|
| SFP | (S)=SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website www.ot-systems.com for details. |
| MR-C10 | 1U 19 inch Rack for microtype product mountable up to 10 slots, includes 12V power adapter |

Package Checklist

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|--|-----|
| ■ Gigabit Media Converter | x 1 |
| ■ 1.25A 12VDC power Adapter with DC Jack | x 1 |
| ■ Quick Installation Guide | x 1 |

