

P/N : ITT-MC3705



Media Convertor

10/100/1000Base-T to 1000Base-X SFP



ITT-103OAM-SFP series supports 10/100/1000M Ethernet Port and 1000M SFP Port. The 10/100/1000M IEEE802.3ah OAM manageable Ethernet Fiber Media Converter can supervise the real time situation of remote manageable fiber media converter and set the functions. With this system, the response speed of the operator is quickened, the daily maintenance and network expenditure of the operators are reduced, and the serving quality of them is enhanced.

- Support IEEE 802.3X Frame Flow Control for Full-Duplex mode
- Supporting remote and local management Manual IP address setting/DHCP client for
- IP address assignment Built-in IP-based Web Interface
- Store and Forward mechanism
- SNMP v1 / v2c monitor / private Enterprise MIB
- Speed duplex mode configuration / Flow Control setting / bandwidth Control on TP /Fiber port
- Event trap and SNMP trap support
- Supports Port Status / Ethernet Statistics on both TP and Fiber interface
- Supports Maximum frame size to 16K bytes
- Loop detection / Broadcast / Multicast / Unicast storm control
- Management VLAN / 16 IEEE 802.1Q VLAN groups / Q-in-Q VLAN
- 802.1p Tag Priority / IP address priority / IP DSCP option in
- Quality of Service Mode and Strict Priority / Weighted Round Robin (WRR) QoS policies
- TS-1000 OAM / IEEE 802.3ah OAM / Loop Back Test
- 16 TCP / UDP Filter groups
- Password setting, IP setting and devices description setting through Planet Smart discovery utility
- Firmware upgrade via remote Web interface
- LED indicators for easy network diagnosing
- Reset Button at the front panel for the factory default reset
- SFP port: 1000Base-FX/LX/BX mini GBIC module

SERVICES:
Guaranteed Warranty



Specification

Standards & Protocols	IEEE802.3x full duplex on 10BaseT, 100BaseTX, 1000BaseT IEEE802.3-2002 IEEE802.3u 100BaseTX, IEEE802.3ah-2004 IEEE 802.1d Spanning Tree IEEE 802.1w IEEE 802.1p Qos IEEE 802.1q VLAN TAG IEEE802.3X Flow control
Connector	SFP
Operating wavelength	850nm, 1310nm at Multi-mode; 1310nm, 1550nm at single mode
Optical fibers	Multi-mode: 50/125, 62.5/125, 100/140um; Single-mode: 8.3/125, 8.7/125, 9/125, 10/125um
Management port	1 console (RJ45)
Serial port configuration	9600bps/8bit/none parity/1 stop bit/none low control
User port	10/100/1000BaseTX (RJ45), Full/Half duplex ; 1000Base-FX (SFP module)
Fiber link option	Dual fiber/single fiber (WDM)
Max frame size	1518 Bytes (100M) ; 9728 Bytes (1000M)
Transmission distance	Depending on SFP module type
Band width management	Support bandwidth control by step of 64Kbps (N*64K)
LLCF	Support Link loss carry forward (LLCF)
Q-in-Q	Q-in-Q functionality (add another router 9100 tag) makes the customer packets tunneled and unmodified through the providers network by using a provider configured 802.1Q VLAN tags, alleviating the burden of aggregation switch
IEEE802.3ah OAM standard function	LNK-103 OAM-SFP Series series has two working modes: Master and Slave. Central Office device works at Master mode, and Customer Premise device at Slave mode. The OAM functions are originated by Master device.
Link monitoring	Report local events to remote device, including Critical Event (voltage and temperature abnormal) and Dying Gasp (power down).
OAM discovery	Check if remote device has implemented/enabled IEEE802.3ah OAM function, and negotiate with remote device
Working Temperature	0°C~60°C
Working Humidity	5%~90% (non-condensing)
Storage Temperature	-10°C~70°C
Storage Humidity	RH: 5~90% non-condensing
Power supply	85VAC~265VAC or -40VDC~-57VDC
Power consumption	≤5W

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