UT-1310A

Gigabit Enhance Converter, SFP Slot

Description

UT-1310A Gigabit Media Converter is specifically designed for large workgroups such as enterprise or campus environments which demand maximum bandwidths, and engineered to offer a solution for networks that are ready to expand or migrate from copper-based Gigabit triple speed to Fiber-based Gigabit network. Along with the capability of converting media transmissions, UT-1310A features intelligent functions like Auto MDI/MDIX, LFS (Link Fault Signalling), LEDs, DIP switches etc to provide easy plug-and-play, continuous monitoring and thereby minimize downtime for mission-critical networks.

Featuring an RJ45 port and an SFP slot, UT-1310A converts 10/100/1000Base-T network to 1000Base-SX/LX fiber network or vice versa by easily integrating copper with fiber and allowing them to operate smoothly. This gives the utmost flexibility in installing various connections over fiber and extend the reach of Gigabit Ethernet connectivity over single-mode or multi-mode fiber via SFP module. UT-1310A offers you the most economic and cost-effective solution to meet your need for long distance transmissions up to 120km.

RoHS CE FC Auto mdi/mdix Plug & Play 0°C 50°C

Features Highlight

- 1 x 10/100/1000Base-T, RJ45 Ethernet port
- 1 x 100Base-FX/1000Base-X with SFP slot
- Auto MDI/MDI-X and Auto-negotiation Support on RJ45 port
- Extends distance up to 2km for Multi-mode under full duplex mode and up to 120km with long-haul single-mode under full duplex mode
- Support packet size up to 9KB
- Enhanced with DIP-Switch for Link Fault Signaling, Loop-back Testing and SFP dual speed setting
- Support to transmit VLAN packets (IEEE802.1q)
- Support to transmit Quality of Service (IEEE802.1p)
- Support to transmit STP packets (IEEE802.1d)
- Support Hot-swappable for a working system without interrupting its operation
- LFS (Link Fault Signaling) with ALM's LED to indicate link failure status and support to work for redundent link with L2 switch
- Support to install with 12-slot Rack Mount Media Converter Chassis

Specifications

Standards	
IEEE 802.3	10Base-T (Ethernet)
IEEE 802.3u	100Base-TX/100Base-FX (Fast Ethernet)
IEEE 802.3ab	1000Base-T
IEEE 802.3z	1000Base-SX/LX
Fiber Optics	
Connector Type	SFP (LC)
Fiber Mode	Depends on SFP module (MM or SM)
Distance	Up to 550km or 2km for Multi-mode Up to 120km for Single-mode
LAN (RJ45)	
Speed	Up to 1000Mbps
Max. Distance (meter)	100
Power	
Power Input	12VDC, DC Jack
Power Consumption	<6 Watt
Power Adapter	100-240VAC, 50-60Hz, 12VDC/1A AC Adapter
Mechanical and Environment	
Housing	Aluminum
Dimensions (W x H x D)	73.8 x 23.4 x 109.2 (mm)
Weight	150g
Mounting	Desktop, Chassis Compatible
Operating Temperature	0~50°C
Storage Temperature	-20~70°C
Operating Humidity	10~90% RH (non-condensing)
Storage Humidity	5~90% RH (non-condensing)
LED Status	PWR, Fiber, RJ45, 1000, LNK/ACT, ALM (LFS)

DIP-Switch	
LFS	Link Fault Signaling function
LLB	Local Loopback function
RLB	Remote Loopback function
100FX	100FX SFP tranceiver
Standards and Certifications	
EMI/EMS	FCC Part 15 of Class A & CE Approved EN 55022 Class A EN 61000-3-2 EN 61000-3-3 EN 55024 IEC/EN 61000-4-2 (ESD) Level 4 IEC/EN 61000-4-3 (RS) Level 2 IEC/EN 61000-4-4 (EFT) Level 2 IEC/EN 61000-4-5 (Surge) Level 3 IEC/EN 61000-4-6 (CS) Level 2 IEC/EN 61000-4-8 (PFMF) Level 2 IEC/EN 61000-4-11
Green Product	RoHS
Ordering Information	
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Note :

** The SFP communication distance upon the request (support 550m to 120km).*

** Specifications subject to change without notice.*

AMERICAN STANDARD