

Ikshu 1000X-S

Features

- Compliant with IEEE802.3, 802.3u & 802.3z standards
- Media Conversion from 1000BASE-T to 1000BASE-X.
- Auto Negotiation in TX port
- MDI/MDIX Auto Crossover supported
- RJ-45 connector for 1000BASE-T port.
- Store and Forward Mechanism
- Support Auto and Force Mode configuration
- Supports Singlemode or Multimode option
- Fiber Support Full and Half duplex operations on RJ-45 port
- Providing LED per Port for Port Status
- Speed (10/100/1000Mbps) on RJ-45 Port
- SFP Slot, Free to support any gigabit specification distance.



Specifications

Type	Description
Standards	IEEE802.3, IEEE802.3x, IEEE802.3u, IEEE802.3z, and IEEE802.3ab TX/FX
Interface media	1 x 10/100/1000 RJ-45 Connector, 1 x 1000 F/O Port or SFP Slot
LED	Power, FDX, Status, Speed, FO Link/ACT, TX Link/ACT
Transmission	10/100/1000Mbps is TP, Fiber is 1000Mbps
TP port	RJ-45, auto MDI/MDIX, 10/100/1000Mbps, Half/Full duplex
Fiber port	1000Mbps Fiber optic, Full duplex
Mac address Entries	4k
Power	External Power Supply, I/P AC 100-240V, 50, 60Hz, O/P DC 5V, 1.6A
Temperature	Operating: 0 ~ 50 C, Storage: -20 ~ 60 C
Power Consumption	3W
Power input	External Adaptor
Operating humidity	5%~90% (non-condensing)
Dimensions (L x W x H)	(11.9 x 7.7 x 3.5 cm)
Emission	Electrical: UL, CSA EMI: FCC Class A, CE

Fiber transmission Rate

Type	Description 1000X-S-M
Connector Type	LC
Wave length	1310nm /1550nm / 850nm
Typical Distance	20km/40km/50km/80km & 550mtrs
Min TX PWR	-9.5dBm
Max TX PWER	-3.0dBm
Sensitivity	-20.0dBm
Link Budget	10.5dBm

Part Number	Type	Wavelength	Distance Supported
Ikshu 1000S	Single mode	1310 nm	20 Km
Ikshu 1000S-LH	Single mode	1310 nm	40 Km
Ikshu 1000S-XD	Single mode	1550 nm	50 Km
Ikshu 1000S-ZX	Single mode	1550 nm	80 Km
Ikshu 1000M	Multi mode	850 nm	550 mtrs

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