



- Adopt high-quality opto-electronic integrated modules to provide good optical and electrical characteristics, to Ensure reliable data transmission and long lifecycle.
- Support one 155Mbps optical port and one 10/100Mbps adaptive electrical port;
- Adopt high-quality optoelectronic integrated modules to provide good optical and electrical characteristics to ensure reliable transmission and long lifecycle;
- Support MAC address automatic learning and automatic update function and the operation mechanism of data storage and forwarding;
- Support flow control mode: Full-duplex adopts IEEE 802.3X, half-duplex adopts back pressure mode;
- Provide status indicator light, external power supply (output 5V~50HZ 1A);
- Adopt a unique integrated circuit solution, the chip temperature rise is low, get rid of the heat dissipation system, realize flow control, and reduce broadcast storms
- Ultra-low power consumption less than 2.5W (Input: AC140~260V), low heat generation, and can work stably for a long time;



OVERVIEW

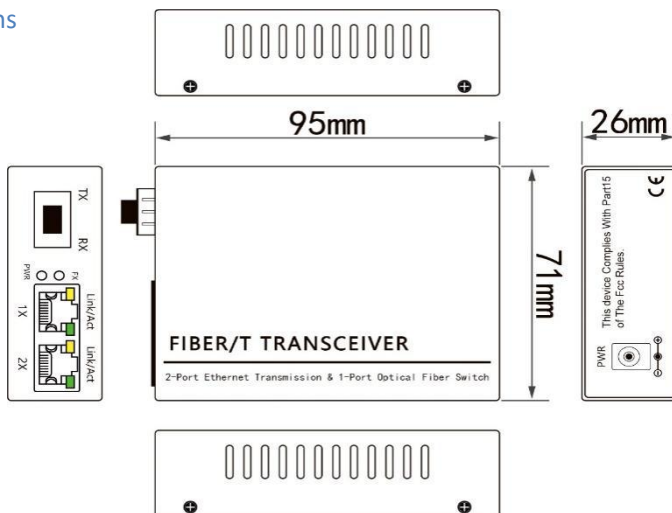
UT-N60GS12 series is a Gigabit adaptive Ethernet fiber optic transceiver, supporting one 1.25Gbps optical fiber interface and two 10/100/1000Base-T adaptive Ethernet RJ45 interfaces. The product design conforms to the Ethernet standard, with lightning protection and anti-static protection, a wide range of operating temperature from -20°C to 70°C, and stable and reliable performance. The device can be widely used in various industries such as intelligent buildings, smart cities, intelligent transportation, telecommunications, security, electric power and coal.

SPECIFICATION

Item	UT-N60GS12 series
Product Name	2-port gigabit network fiber optic transceiver
Hardware specification	
Interface	
RJ45 Port	2*10/100/1000base-T RJ45(auto-MDI/MDI-x)
Fiber Port	1*1000Base-FX port (optional SC, ST, FC, SFP interface)
LED indicators	
Power Indicator	PWR indicator light (On: The power supply is working normally, off: No power supply or failure)
Electrical Port Status Indicator	Blue light LINK/ACT (Flash: Electrical port communication is normal)
	Yellow light LINK/ACT (On: Electrical port connection is normal)
Optical Port Status Indicator	FX indicator light (On: Optical port connection is normal)
Transmission distance	

CAT5 Twisted Pair	100m
Multimode Dual Fiber	2km
Single Mode Dual Fiber	25/40/60/80/100/120Km
Single Mode Single Fiber	25/40/60/80/100Km
Exchange performance	
Transfer Method	Store and forward
MAC Address	1K
Cache	1M bit
Switching Delay	<10us
Power requirements	
Power Supply	DC 5V2A
Power Consumption	<2.5W
Operating environment	
Operating Temperature	-20~70℃
Operating Humidity	5%~90%
Storage Temperature	-40~70℃
Storage Humidity	5%~90% (no condensation)
Mechanical characteristics	
Dimensions	95*71*26mm (length * width * height)
Weight	0.25kg (bare metal)
Installation Method	Desktop installation
Heat Dissipation Method	Natural cooling, no fan

Dimensions



ORDERING

Model	Interface		Optical port
	10/100 Base-TX	100Base-FX	
UT-N60FS11P	1	1	SFP slot
UT-N60FS11MC	1	1	Multi-mode dual-fiber SC
UT-N60FS11SC	1	1	Single mode dual fiber SC
UT-N60FS11SCA/UT-N60FS11SCB	1	1	Single mode single fiber SC