MEDIA CONVERTER PRODUCTS

FXO/FXS 1-16channel telephone voice with 1 -CH 100M Ethernet fiber converter

FOCOMM

OVERVIEW

      1-16 channel POTS (Plain Old Telephone System) phone lines over fiber converter / extender.

This Voice over Fiber converter uses RJ-11C modular connectors for each copper pair connection.

FXO type unit connects to a telephone line (PSTN) or PBX station line and has ability to detect ringing voltages and to act as a telephone. FXS type unit is the reciprocal unit and has ability to act as PSTN and connects to a telephone device.
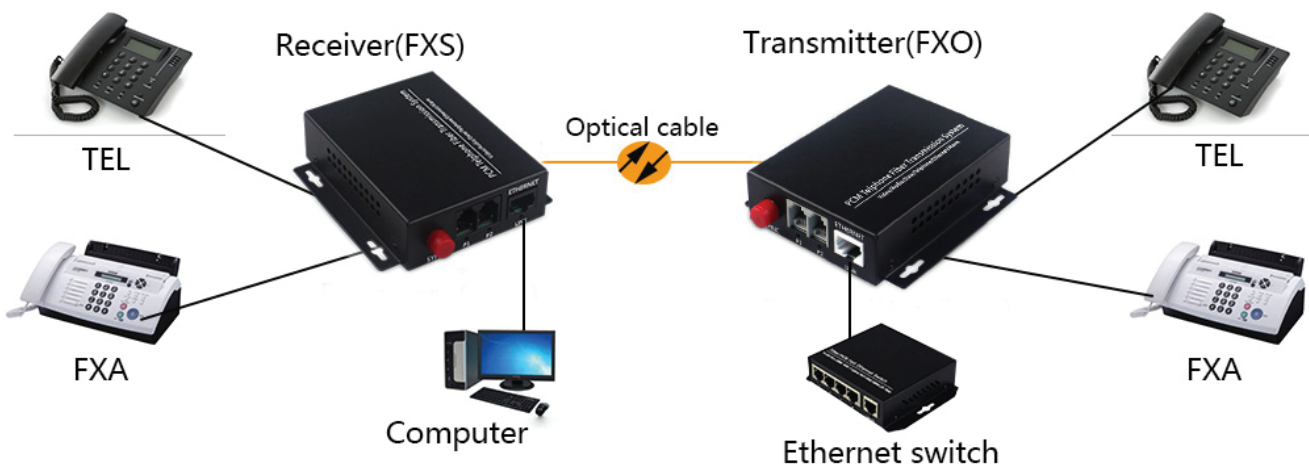
1 CH

2 CH

4 CH

8 CH

16 CH

FEATURE

- standard RJ11 telephone interface
- 1-16 channel support voice access, Support Caller ID and Fax
- Voice port supports FXO port and FXS port, FXO port connects switch and FXS port connects user's phone
- Support FXO / FXS ordinary telephone
- Support point-to-point, cascaded and distributed network connections, and SNR will not decline
- Power link to fiber optic , data status indication LED can monitor system health
- Industrial design, modular design allows flexible and reliable equipment

APPLICATION

- Factory renovation, relocation distance call system
- highway 122 phone systema
- Remote multimedia teaching / campus monitoring, video conferencing systems
- telephone intercom, phone calls, related applications

TOPOLOGICAL GRAPH

Receiver(FXS)

Transmitter(FXO)

Optical cable

TEL

TEL

FXA

FXA

Computer

Ethernet switch

ISO 9001   ISO 14001   OHSAS 18001   UL

SPECIFICATION

Product Name	1-16FXO/FXS Telephone voice POTS channels + LAN to fiber converter
Description	FXO/FXS Ordinary telephone
Telephone Ports	1 telephone port RJ11 port
Switch Terminal	Ordinary telephone or PBX, PBX (PBX), public telephone outside the PSTN
FXS	Ringing voltage: 75V, ringing frequency: 25HZ
FXO	Second line input impedance:600Ω (hook), return loss: 40db, ring detection voltage:35V
Ring detection frequency	17HZ-60HZ, second-line input impedance: 600Ω (hook), return loss: 40 db
Broadband Voice	8KHZ
Connection	Point to point, telephone to telephone, telephone to switch
Code	PCM code
Fiber Ports	FC/UPC
Ethernet port	1 channel 50Mbps Ethernet
Transmission distance	Single-mode single fiber 20KM
Environmental Specifications	Operating Temperature: -35°~75°C Storage Temperature: -40°~85°C Operating Humidity: 0%~95%, non-condensing
Total power consumption 1-4 channel	2.5w Input:DC12V 1A
Total power consumption 8-16 channel	2.5w Input:DC12V 2A
Power supply	External power supply, Input:AC110-240V 50/60Hz, Output:12V 1A

ORDER INFOMATION

PRODUCT	PART NUMBER
FXO/FXS 1-channel telephone voice with 1 -CH 100M Ethernet fiber converter	MC-PCM-1V1L-F9-20
FXO/FXS 2-channel telephone voice with 1 -CH 100M Ethernet fiber converter	MC-PCM-2V1L-F9-20
FXO/FXS 4-channel telephone voice with 1 -CH 100M Ethernet fiber converter	MC-PCM-4V1L-F9-20
FXO/FXS 8-channel telephone voice with 1 -CH 100M Ethernet fiber converter	MC-PCM-8V1L-F9-20
FXO/FXS 16-channel telephone voice with 1 -CH 100M Ethernet fiber converter	MC-PCM-16V1L-F9-20