

TEK

Transmitter: FO-8-35DT(XX)

Receiver: FO-8-35DR(XX)



1-8Channel Intercom Data Transmission

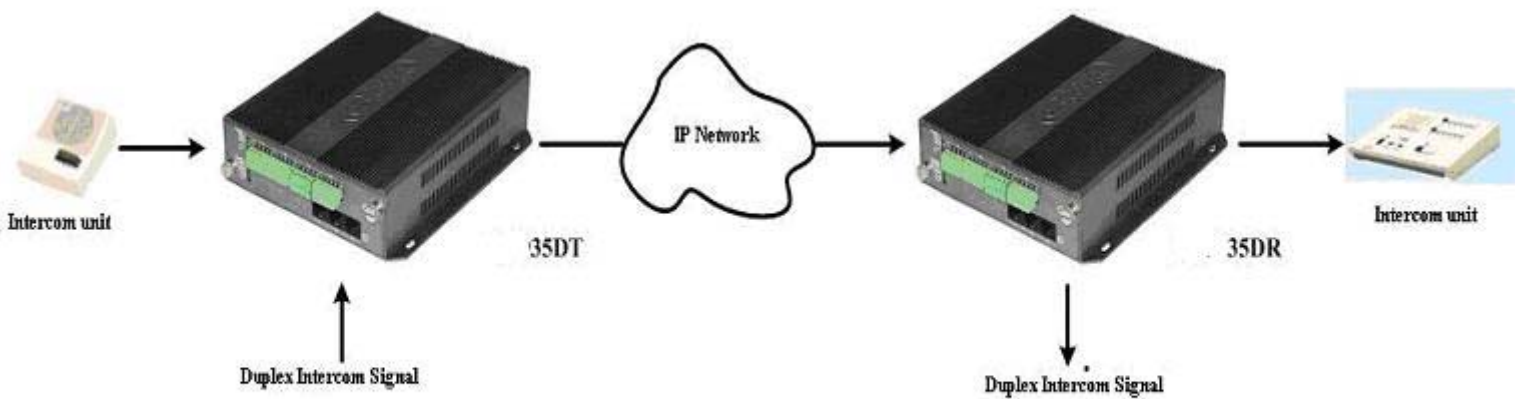
FO-8-35D series can transmit 1 to 8 line of two-way AIPHONE intercommunication signal and 1 to 4 line contact closures signal on 10M/100M Ethernet



Features

- One 10/100M adaptive network interface
- ADPCM technology
- Power supply, fiber link, data state indication
- Two wires transmit two-way audio and calling signal
- Supported by TEK network management system
- Surface mount technology (SMT)
- Embedded Linux operation system
- No distance restriction, only Ethernet is needed
- Two RS232/422/485 serial ports
- Compatible with AIPHONE interphone, it is not needed to change host or extension
- Rack-mount/stand-alone/19" 1U Rack mount enclosure

Typical Applications



Specifications

Audio

Frequency Response	50Hz - 20kHz
Audio SNR	≥75dB
Audio coding	24 BIT digital audio
Sample resolution	48k
Audio code format	ADPCM

Ethernet

Standard	IEEE802.3/802.3u
Bit rate	10M/100M adaptive
Protocols	ARP,TCP/IP,UDP,ICMP,IGMP,DHCP,SNMP, TRINET,FTP,HTTP

Contact Closure

In/out State relay touching point

Connector

Ethernet	RJ45
Contact closure	RJ45
Optical	FC / ST / SC
Power	4-pin Self-lock Interface

Environment

MTBF	>100,000 hours
Operating temperature	-30°C to 74°C
Storage temperature	-40°C to 85°C
Humidity	0~95% non-condensing

Electrical and Mechanical

Power	Standalone :+5.5VDC Rack mount: from FO18 chassis
Dimensions	Standalone: 182x201 x48mm
Weight	Standalone: 1.3KG Rack mount: 0.6KG
No. of rack slots	2
LED Indicators	Power, Fiber link, Video, Data.