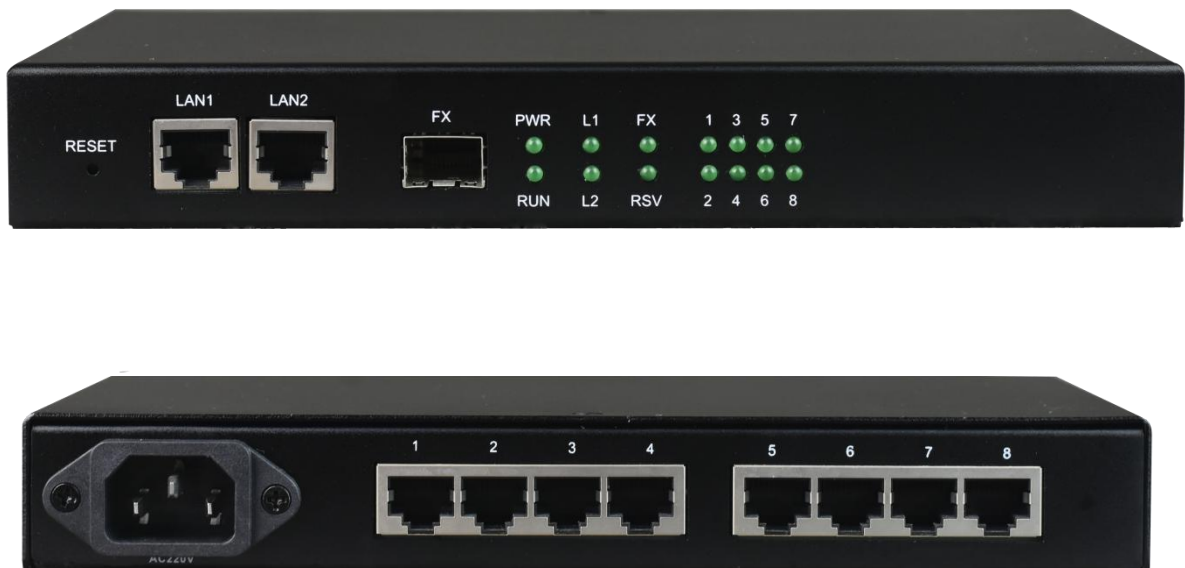# 8*Voice over Ethernet(IP)

Overview

The converter encapsulates the voice data in the IP packet, supports the UDP packet mode, realizes the 1-8 voice service to the 100M Ethernet conversion, in the same network segment or through the router to achieve different network segment communication.

Photo

Features

➢ High transmit efficiency, low transmit delay.

➢ Provide Console(CLI)/WEB management interface, easy to install and open;

➢ Voice port to support FXO/FXS/2-4 Wire E&M / 2-4 wire Audio/Magnet phone interface, FXO port plug into PBX, FXS port is connected to the user's telephone;

- Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Both sides of the device support FXO+FXS hybrid access;
- Ethernet interface rate of 10M / 100M, full duplex / half duplex adaptive;
- Support power failure or automatic network recovery;
- Support Ethernet packet out-of-order recovery and cache to anti-network delay;
- Adjustable frame length to balance bandwidth and transmission delay;
- Based on hardware design, start fast;
- DC-48V / DC24V power supply with polarity automatic detection function;installation does not need to distinguish between positive and negative;

Parameters

◆ Ethernet interface(10/100M)

Interface rate:	10/100 Mbps, half/full duplex auto-negotiation
Interface Standard:	Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
MAC Address Capability:	4096
Connector:	RJ45, support Auto-MDIX

◆ FXS Phone Interface

Ring voltage:	75V
Ring frequency:	25HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	40 dB

◆ FXO Switch Interface

Ring detect voltage:	35V
Ring detection frequency:	17HZ-60HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	40 dB

◆ EM 2/4 Line

AD:	0dB

DA: 0dB

Two/Four-line Impedance: 600 Ohm

Return loss: 20 dB

◆ Working environment

Working temperature: -10℃ ~ 50℃

Working Humidity: 5%~95 % (no condensation)

Storage temperature: -40℃ ~ 80℃

Storage Humidity: 5%~95 % (no condensation)

Specifications

Functional Description	8*Voice over Ethernet ,Internal power AC220V/DC48V/DC24V can be optional
Power	Power supply: AC180V ~ 260V ; DC –48V ; DC +24V Power consumption: ≤20W
Dimension	Product Size:　Desktop　216mmx140mmx31mm(WxDxH)
Weight	2.4KG