

192 ports FXS/FXO Analog Voice Gateway / IPPBX

Model:AZ-192FXS FXO Analog Gateway



Overview:

Analog Gateway/IPPBX locates at the interface between PSTN and IP to achieve the conversion between FXO/FXS and VoIP SIP, meanwhile complete the media stream transformation between the bearer channel of PSTN and IP. The system is designed as a 3.5U/ 19" rack mount chassis with 15 slots for using 2 (1+1) power units, 1 Management unit and 12 Service units.

Application:

Used for IPCC, IP Dispatch, Unify Communication, VoIP network, operators, and so on.

Specification:

- Signaling: SS7, PRI, R2, CAS, Q.SIG, V5.2, and DPNSS;
- VoIP Protocol: SIP and H.248;
- Codec: G.711 U-Law and A-Law, G.711 Appendix 1, G.723.1 and G.723.1 Annex A, G.729 Annex A and Annex B, G.726-16, G.726-32, GSM, GSM-EFR, ARM, ARM-WB, ILBC;
- Fax Protocol: T30, T38, pass through;
- Network Protocol: IP, NAT, ICMP, ARP, HTTP, BOOTP, FTP, TFTP, DHCP, PPPOE, SNMP, Diff-Serv;
- Advanced Voice Processing Technology: Voice Activity Detection (VAD), Comfort Noise Generation (CNG), Echo Cancellation, DTMF, Caller ID, and Flexible input/output Gain Control.

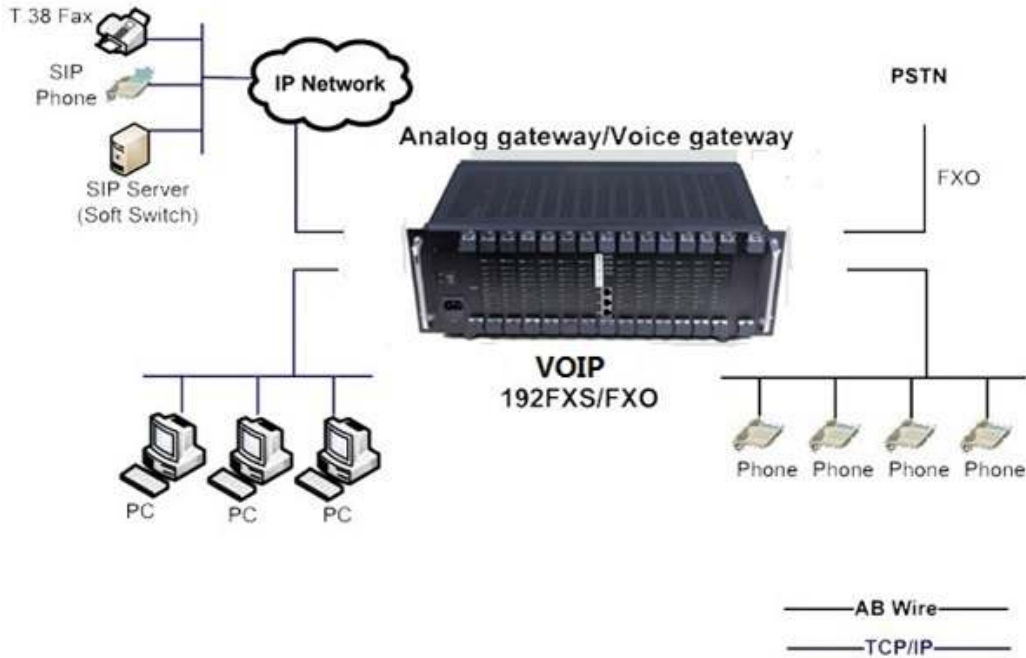


Physical Capacity and Specification:

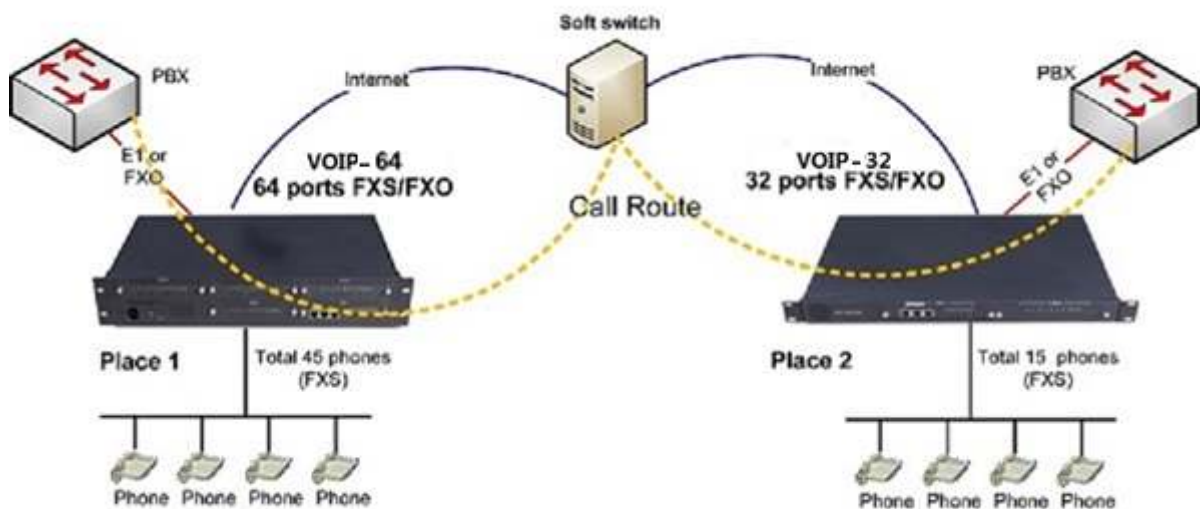
Item	AZ-VOIP-192 FXS/FXO
Analog FXS/FXO Port	192 FXO\FXS
E1 port (PCM)	0-4 E1
VOIP IP Channels	128
SIP Subscribers	16-1024
Ethernet Interface	2 (10/100/1000M Base-T
CONSOLE	1 (RS232 port)
SIP Compatibility	CISCO, Siemens, AVAYA, Huawei, ZTE, etc.
Input voltage	DC -48V or AC 110-240V(Redundancy)
Power	160W
Telephone line transmission distance	10KM
Machine Dimension	480mm*300mm*160mm (3.5U)
Weight	10.5KG
Weight Work Environment	0°C~50°C, Less 80%

Application Topology:

1. Basic application



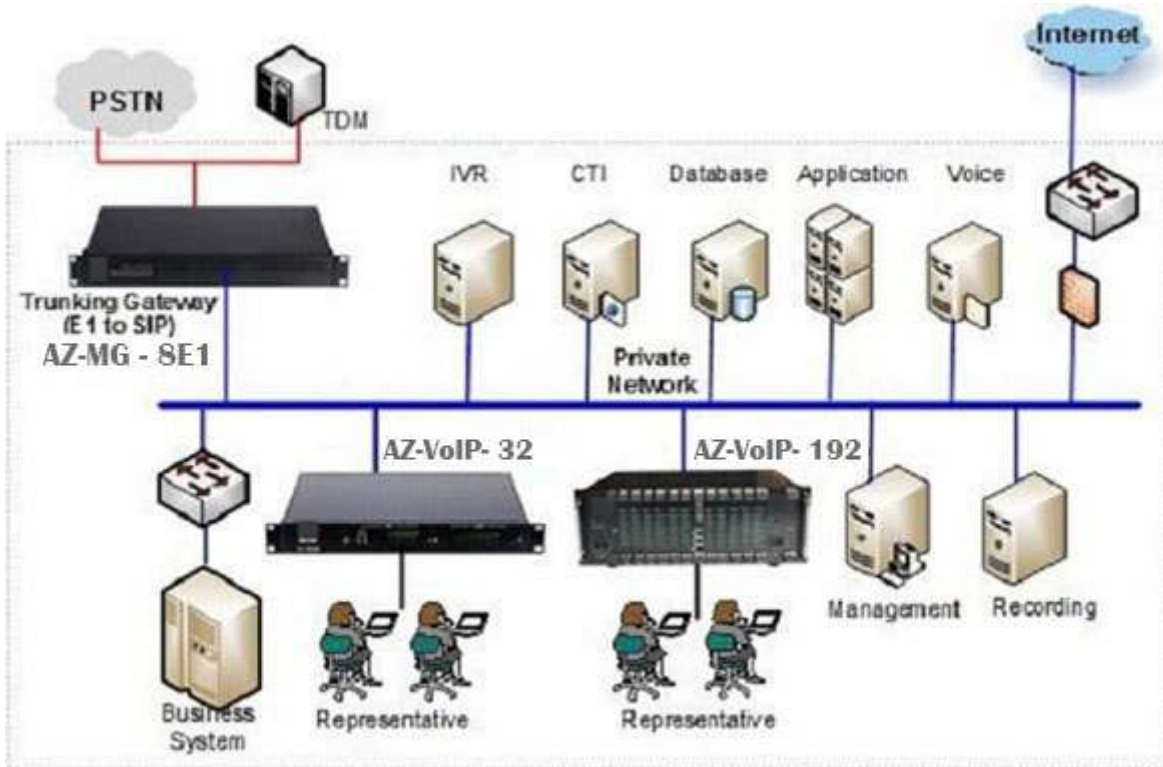
2. Connection for two different places/offices via FXS VoIP Gateway



3. Function and Features of IPPBX



4. Solutions for IP call center



5. Example Application

