

VOIP-200

ANALOG TELEPHONE AND VOIP GATEWAY



Product Overview

The **VOIP-200** Series of Analog Telephone Adapters and Gateways support up to four telephone connections, integrating legacy Phones and Fax machines in to a UCC Environment. High quality voice and reliable fax over any IP network. All-IP does not end when analog terminals have to be integrated. Security and quality guaranteed.

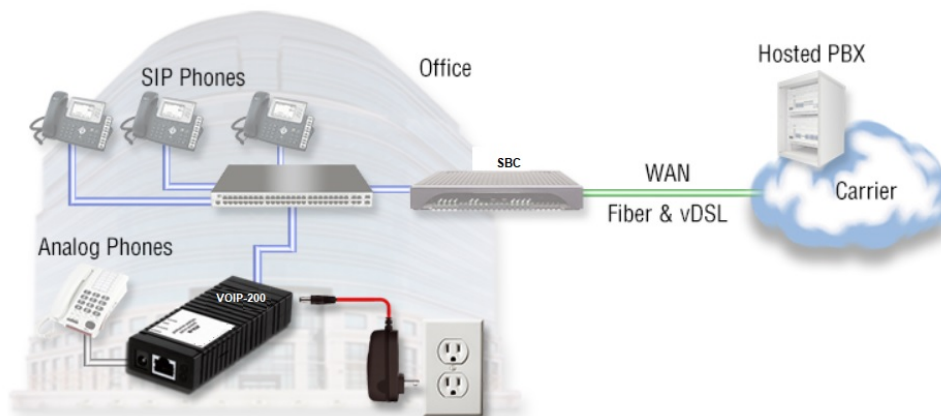
Connect with confidence using the **VOIP-200** Series, legacy telephony equipment to nowadays common SIP trunk and hosted services. The **VOIP-200** Series support a variety of telephony interfaces, from 1 to 4 simultaneous calls.

Key Features

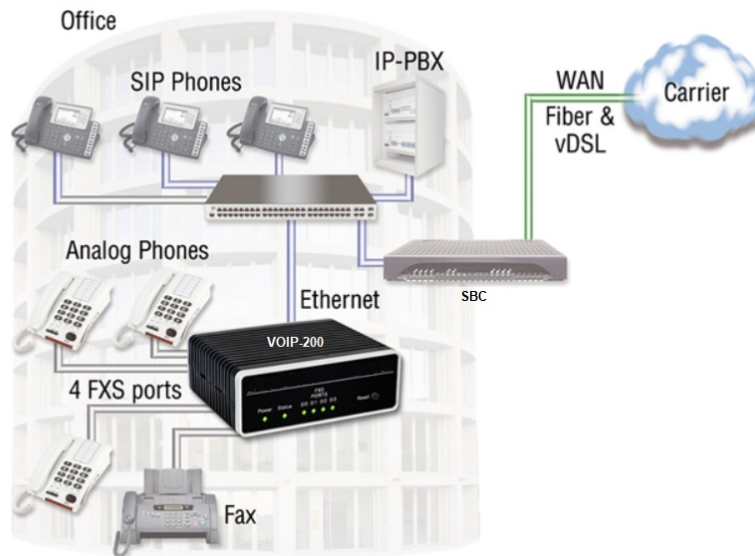
CXR **VOIP-200** series provides the advanced features and capabilities, listed below:

- Up to 4 Analog Interfaces (FXS): 1, 2 or 4 analog ports.
- Advanced Calling Features: Call-waiting, hold, park, transfer, toggle, local and server-side conference, MWI, caller ID, ...
- Full VoIP protocol support: SIPv2, SIPv2 over TLS, SIPv2 over IPv6, T.38, G.722 HD voice, RTP Security with SRTP, fax and modem bypass, DTMF relay
- Easy Management and Provisioning: WebWizard, HTTPS, TR-069 zero-touch provisioning, SNMP and CLI.
- Small Form Factor: Smallest ATA on the market
- Outstanding Interoperability: Interoperable for voice and T.38 fax with leading SIP service providers, softswitch vendors, and major IP-PBX manufacturers

Applications



Whether used as an ATA, connecting legacy telephones to an IP-PBX or as a VoIP Gateway integrating legacy fax machines into a hosted UC environment, the VOIP-200 adapts to every use-case.



Specifications

Call Capacity

Up to 4 simultaneous G.722 or G.711 or T.38 fax calls

Voice Signaling

- SIPv2 & SIPv2 over TCP
- SIPv2 TLS**
- SIPv2 over IPv6
- SIP call transfer, redirect • Overlap or en-bloc dialing
- DTMF in-band, out-of-band
- Configurable tones Call Routing & Services
- Regular expression number matching
- Regular expression number manipulation
- Least Cost Routing • Number blocking
- Short-Dialing • Digit collection
- Distribution-Groups and Hunt-Groups

FXS Connectivity

- FXS ports, RJ-11/12
- 2-wire Loopstart
- EuroPOTS (ETSI EG201188)
- Programmable AC impedance, feeding, ring and on-hook voltage
- Caller-ID FSK and ITU V.23 /Bell 202 generation
- 5 REN load on FXS port

Voice Processing

- G.722, G.711m/A-law
- G.723(6.4kbps), 729ab (8 kbps)
- G.726 (16, 24, 32, 40 Kbps) • G.168-2004 echo cancellation (128 ms)
- Up to 4 simultaneous low bandwidth, high definition voice or T.38 fax calls
- Silence suppression and comfort noise
- Adaptive and configurable dejitter buffer
- Configurable RTP packet length

Quality of Service

IEEE 802.1p, IEEE 802.1Q, 4096 VLANs (tag insertion/deletion), TOS, DiffServ labeling

Connectivity

- One 10/100 Base-T Ethernet port
- Auto-MDIX

- DHCP Client (IPv4 & IPv6)
- PPPoE Client (multi-session)
- IP Multi-Netting, VLAN, Secondary IP
- IPv4 & IPv6 Dual Stack
- ICMP
- Dynamic and static NAT and NAPT
- Access Control List (ACL)
- DNS, DynDNS
- DHCP Server
- SNMP Client

Management

- Patton Cloud managed
- Web/HTTPS, CLI with Telnet and SSH access
- Web Wizard
- Fully Documented CLI
- Telnet and HTTPS access
- TR-069, TFTP, HTTP, HTTPS configuration/firmware up-and download
- SNMPv3 agent
- Separate config domain (LAN side config and WAN side config)
- MIB II and private MIB
- Built-in diagnostic tools
- Secure Auto-Provisioning with built in root CA

Power consumption

- 1 port: 3 watts
- 2 ports: 4 watts
- 4 ports: 6 watts

Power

110–230 VAC (50/60 Hz)

Dimensions

- 1 port: 3.8 L x 1.65 W x 0.75 H in. (9.7 L x 4.2 W x 1.9 H cm.)
- 2 & 4 ports: 0.71 H x 1.1 W x 2.56 D in. (18 H x 28 W x 65 D mm)

Weight

- 1 port: 2.4 oz (68 g)
- 2 & 4 ports: 3.2 oz (90 g)

Environment

2–104°F (0–40°C)

Compliance

EMC compliance: EN55032 and EN55024

- Safety compliance: EN62638-1
- CE compliance
- FCC Part 15 Class B

Ordering information

Reference	Description
VOIP-200-1JS1V-EUI	Micro Analog Telephone or Fax to SIP Adapter; 1x FXS RJ11; 1x 10/100BaseTX, Optional SIP-TLS, SRTP, incl. external UI power (100–240 VAC)
VOIP-200-1JS1V-SKD	Micro Analog Telephone/Fax to VoIP Adapter Semi Knock Down (SA level, No Enclosure); 1x FXS RJ11; 1x 10/100BaseTX, Optional SIP-TLS, SRTP, incl. No Power Adapter Included
VOIP-200-2JS2V-EUI	FXS-SIP VoIP Gateway, 2x FXS RJ11; 1x 10/100BaseTX, Optional SIP-TLS, SRTP, incl. external UI power (100–240 VAC)
VOIP-200-4JS4V-EUI	FXS-SIP VoIP Gateway, 4x FXS RJ11; 1x 10/100BaseTX, Optional SIP-TLS, SRTP, incl. external UI power (100–240 VAC)