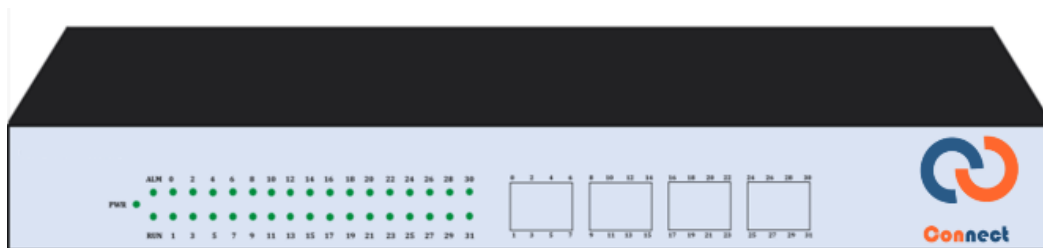




With a simple and economical way to help legacy telephone, fax machine and PBXs interconnect with IP network, Connect analog media gateway enables call centre and multi branch enterprises to process powerful, versatile and efficient VoIP solutions for unparalleled cost advantage.

Analog Gateways allow for a well-planned, phased migration to an IP network, making the gateways an easy solution for enterprises looking to enhance their legacy PBX equipment with new VoIP access and applications. Connected between a PBX, an Analog and LAN or WAN, the Connect UMGW 32 FXS Gateways convert analog PSTN messages into a format suitable for transmission over standard IP networks.



Key Features

Voice over Internet Protocol (VoIP):

Supports SIP per RFC 3261. Uses Realtime Transport Protocol/Real-Time Control Protocol (RTP/RTCP) for delivery of voice over the LAN or WAN

Enhanced voice processing:

Supports a variety of compression algorithms, including G.711 A-law and μ law, G.729AB

T.38 Fax over IP (FoIP):

Transcode fax from T.30 fax protocol (supporting V.17) to T.38 for transmission over IP network. Each gateway unit is delivered with a web server interface, Supports HTTPS for web interface which allowing configuration and software upgrades via a web browser.

Web server interface & Security:

Designed for voicemail and unified messaging applications, the 32 Ports Analog VoIP Gateway has a 10/100/1000M (optional) Base-T Ethernet connection for connecting legacy PBX to a LAN. The analog loop start functionality supports integration via in-band signalling (DTMF or FSK), serial protocols, as well as T.38 for fax transmissions over IP

- Easy integration with existing telephony interfaces
- Open-standard SIP support and register to multiple SIP proxy servers
- Make and receive IP calls from analog extensions
- Call budgeting based on allocated amount, minutes and call count
- Manageable based call routing TDPIP/IP-TDM
- Restrict unwanted calls with list of denied numbers
- Real-time call record send to CDR server
- Web-based remote administration Console access via Telnet, SSH



Key Features and Benefit:

- **Support 32 FXS Ports**
- **Superior Voice Quality**
- **User-Friendliness and Web-based Administration**

Technical Specifications:

- **Physical Interface**
 - Number of ports: 32 FXS Configurable
 - Connectors: 32 female RJ-11 jack
 - Network interface: 2*RJ-45
 - 10/100Mbps Base-T Ethernet, Female RJ-45 1000M LAN/WAN available for some product models while required
- **Voice Support**
 - G.711A/U law, G.723.1, G.729A/B, G.726, iLBC, AM
 - Comfort Noise Generation (CNG)
 - Echo Cancellation (G.168)
 - DTMF mode: Signal/RFC2833/INBAND
 - Silence suppression with comfort noise
 - G.168 automatic echo cancellation
 - Call Progress Analysis (CPA), including Positive Voice Detection, Positive
- **Configuration and Management**
 - Web UI for instant management and status monitoring
 - Telnet/SSH
- **FoIP Protocol**
 - T.38 FoIP: transcode fax from T.30
 - fax protocol (supporting V.17) modulation schemes
 - T.38 for transmission over a packet network
 - T.38/Pass-through, up to 14.4kbps
- **Application Capabilities**
 - Call waiting
 - Blind Transfer
 - Attend Transfer
 - Call forward on Busy
 - Call forward on No Reply
 - Unconditional Call Forward
 - Hotline Call hold
 - DND, Call Pickup
 - 3-way conference
 - Voicemail
- **VoIP Protocols**
 - TLS/SRTP
 - Open VPN
 - SIP V2.0 (RFC 3261,3262,3264)
 - IMS/3GPP
 - REFER (RFC 3515)
 - ARP/RARP (RFC 826/903)
 - SNTP (RFC 2030)
 - DHCP/PPPoE
 - TFTP/HTTP/HTTPS
 - DNS/DNSSRV (RFC 1706/RFC2782)
 - VLAN802, 1P/802.1Q
- **Network Capability**
 - Static IP, PPPoE, DHCP Client o IPv4, IPv6
 - Static/dynamic ARP
 - DIFFServ, ToS
 - NAT (Rout and Bridge) + MAC Address Clone o Static routing+
 - Built-in Firewalls
 - QoS, Traffic Shaping
 - Voice/Data/Management VLAN
- **Call Routing**
 - Port Groups, IP Trunks
 - Primary and Secondary SIP Account
 - 32 Inbound/Outbound Routing
 - Number Manipulation, Digit maps
 - TDM to IP or IP to TDM
 - IP load balancing, IP fault tolerance
- **Power & Environment**
 - Power Supply: 100-240V, 50-60Hz+
 - Power Consumption:
 - Approximately 50W
 - Temperature (Operation):0 °C ~ 45°C
 - (Storage): -20 ~85°C
 - Humidity: 10%-90% No condensation.
 - Operating temperature range: -10 °C ~ 55°C
- **Physical Dimensions**
 - L*W*H 440 (mm) * 202 (mm) * 44 (mm)
 - Weight Approximately 2.7kg



Connect

Connect 32 Port FXS Media Gateway

Teen Telecommunication Pvt. Ltd.

Address – 3 Floor, G-57, Vikas Marg, Near Metro Pillar No. 41, Laxmi Nagar, Delhi – 110092

Contact No – +91 9315950882 / +919212580880

Email – sales@teentelecommunication.com

Website – www.teentelecommunication.com