



## Analog FXO Gateway HT841/HT881

The HT841/881 FXO gateway series enables businesses of all sizes to create an easy-to-deploy VoIP solution. These FXO gateways offer the ability to seamlessly connect multiple locations and all devices within an office to any hosted or on premise IP PBX network to make deployments as easy as possible. The HT8x1 series includes FXO and FXS ports to support remote calling to and from the PSTN line. Advanced telephony features, easy automated provisioning and superb voice quality allow the HT8x1 series to be the ideal VoIP gateway for businesses.



Supports 3 SIP profiles through 1 FXS port and 4/8 FXO ports



High performance NAT router



Lifeline support (FXS port will be hard-relayed to FXO port) in case of power outage



3-way voice conferencing per port



Automated & secure provisioning options using TR069



Supports T.38 Fax for reliable Fax-over-IP



Failover SIP server automatically switches to secondary server if main server loses connection



Strong AES encryption with security certificate per unit

<b>Interfaces</b>	
<b>Telephony Interface</b>	HT841: 4 RJ11 FXO ports/1 RJ11 FXS HT881: 8 RJ11 FXO ports/1 RJ11 FXS
<b>Network Interface</b>	Two 10/100/1000Mbps RJ45 ports, one with 802.3af PoE-PD support Note: Up to 1000Mbps in Bridge mode, up to 100Mbps in NAT mode
<b>LED Indicators</b>	POWER, NET1, NET2, FXS, FXO
<b>Factory Reset Button</b>	Yes
<b>Voice, Fax, Modem</b>	
<b>Telephony Features</b>	Caller ID display or block, call waiting, flash, blind or attended transfer, forward,hold, do not disturb, 3-way conference
<b>Voice Codecs</b>	G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1, G.729, G.726-32, iLBC, Opus, dynamic jitter buffer, advanced line echo cancellation
<b>Fax over IP</b>	T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through
<b>Short/Long Haul Ring Load</b>	3 REN: Up to 1km on 24 AWG
<b>Caller ID</b>	Bellcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID
<b>Dial Methods</b>	DTMF, Pulse
<b>Disconnect Methods</b>	Busy Tone, Polarity Reversal/Wink, Loop Current
<b>Signaling</b>	
<b>Network Protocols</b>	TCP/IP/UDP, RTP/RTCP (RFC1889, 1890), HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, SSH, Telnet, STUN (RFC3489, 5389), SIP (RFC3261), SIP over TCP/TLS, SRTP, SNMP, TR-069, IMS/3GPP, IPoE
<b>QoS</b>	Layer 2 (802.1Q VLAN, SIP/RTP 802.1p) and Layer 3 (ToS, Diffserv, MPLS), Traffic Shaping
<b>DTMF Method</b>	In-audio, RFC2833 and/or SIP INFO
<b>Provisioning and Control</b>	HTTP, HTTPS, TFTP, SSH, TR-069, secure and automated provisioning using AES encryption, syslog
<b>Security</b>	
<b>Media</b>	SRTP
<b>Control</b>	TLS/SIPS/HTTPS
<b>Management</b>	Syslog support, Telnet, SSH, Remote management using web browser
<b>Physical</b>	
<b>Universal Power Supply</b>	POE Input: 4.8 V / 0.5 A DC Input: 12V/1A
<b>Environmental</b>	Operational: 32° – 104°F Storage: 14° – 140°F Humidity: 10 – 90% Non-condensing
<b>Dimension and Weight</b>	190mm x 100mm x 28mm (L x W x D) Weight: 0.46KG
<b>Package Contents</b>	1x HT841/HT881, 1x Ethernet Cable, 1x Quick Installation Guide (Power Supply Not Included)
<b>Compliance</b>	FCC/CE/RCM/IC/UKCA