

Feature Specifications



HT-502

Ethernet Ports	2 RJ45 (LAN/WAN)
NAT/Router	Yes
DHCP	Client/Server
FXS Port	2
FXO Port	No
PSTN Pass-through Port	No
Voice Mail Indicator	Yes
Voice Codec	G.711(a/?law), iLBC, G.723, G.729A/B/E, G.726, T.38(fax)
Remote Configuration	TFTP/HTTP

Technical Specifications

Telephone Interfaces	2 FXS ports, 2 SIP accounts
Network Interface	Two (2) 10M/100 Mbps, RJ-45
LED Indicators	Power, WAN, LAN, PHONE1 and PHONE2
Reset Button	Factory Reset button.
Voice over Packet Capabilities	Voice Activity Detection (VAD) with CNG (comfort noise generation) and PLC (packet loss concealment), Dynamic Jitter Buffer, Modem detection & auto-switch to G.711, Packetized Voice Protocol Unit (supports RTP/RTCP and AAL2 protocol), G.168 compliant Echo Cancellation, LEC (line echo cancellation) with NLP
Voice Compression	G.711 + Annex I (PLC), Annex II (VAD/CNG format) encoder and decoder, G.723.1A, G.726(ADPCM), G.729A/B/E, iLBC G.726 provides proprietary VAD, CNG, and signal power estimation Voice Play Out unit (reordering, fixed and adaptive jitter buffer, clock synchronization), AGC (automatic gain control), Status output, Decoder controlling via voice packet header
DHCP Server/Client	Yes, NAT Router or Switched Mode
Fax over IP	T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through (pending), Fax Datapump V.17, V.19, V.27ter, V.29 for T.38 fax relay
QoS	Diffserve, TOS, 802.1 P/Q VLAN tagging
IP Transport	RTP/RTCP
DTMF Method	Flexible DTMF transmission method, user interface of In-audio, RFC2833, and/or SIP Info
IP Signaling	SIP (RFC 3261)
Provisioning	TFTP, HTTP, HTTPS (pending)
Control	TLS/SIPS
Management	Syslog support, HTTPS and telnet (pending), remote management using Web browser, Auto/manual provisioning system Support Layer 2 (802.1Q, VLAN, 802.1p), Layer 3 QoS (Tos, DiffSery, MPLS)
Power	Output: 12VDC, 0.5A / Input: 100-240 VAC/50-60 Hz
Environmental	Operational: 32°-104°F or 0°-40°C Storage: 10°-130°F / Humidity: 10-90% Non-condensing
Dimensions (H x W x D)	25mm x 115mm x 75mm (when laying flat); 115mm x 25mm x 75mm (standing up)
Short & long haul	REN3: Up to150 ft on 24 AWG line
Call Handling Features	Caller ID display or block, Call waiting caller ID, Call waiting/flash, Call transfer, hold, forward, mute, 3-way conferencing
Caller ID	Bellcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID
Polarity Reversal / Wink	Yes
EMC	EN55022/EN55024 and FCC part15 Class B
Safety	UL