

HandyTone 502/503 Analog Telephone Adaptor



HandyTone 502/503 are the next generation of powerful, affordable, high quality and manageable IP telephony ATA/IAD for residential users and road warriors. Their compact size, superb voice quality, packed feature functionalities and market leading price-performance point enable consumers to maximize the power of IP voice and data applications for a minimum investment. The HandyTone 502/503 are SIP compliant and field proven for large scale deployment.

Key Features:

- 1 or 2 telephone ports, 1 PSTN line port (HandyTone 503), dual 10M/100Mbps network ports with integrated high performance NAT router
- Advanced telephony features including caller ID, call waiting, 3-way conference, transfer, forward, do not disturb, message waiting indication, multi-language voice prompt, T.38 Fax, flexible dial plan
- Support comprehensive voice codecs including G.711, G.723.1, G.729A/B/E, G.726, iLBC
- Secure and automated provisioning using HTTP/HTTPS/Telnet/TFTP, multiple SIP profiles, SIP over TCP/TLS, SRTP

HandyTone 502/503

Technical Specifications

Features/Models	HandyTone 502	HandyTone 503
Telephone Interfaces	2 FXS ports (RJ11)	1 FXS port (RJ11)
PSTN Line Interface	None	1 PSTN line port
Network Interfaces	Two (2) 10M/100Mbps auto-sensing Ethernet ports (RJ45) with integrated NAT router	
LED Indicators	Power, LAN, WAN, Phone1, Phone 2	Power, LAN, WAN, Phone, Line
Factory Reset Button	Yes	
Telephony Features	Caller ID display or block, call waiting, Flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference	
Voice over Broadband Capabilities	G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1, G.729A/B/E, G.726, iLBC, dynamic jitter buffer, G.168 compliant line echo cancellation	
Fax over IP	T.38 Group 3 fax relay for up to 14.4kbps, Fax datapump V.17, V.19, V.27ter, V.29	
DHCP	Both DHCP client and server	
Network Protocols	TCP/UDP/IP, RTP/RTCP, HTTP, HTTPS, ARP, RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP	
QoS	Layer 2 (802.1Q VLAN/802.1p) and layer 3 (ToS, DiffServ, MPLS) QoS	
DTMF Method	RFC2833 and/or SIP INFO	
Provisioning & Control	HTTP, HTTPS, TELNET, TFTP, TR-069 (pending), secure and automated provisioning, syslog	
Universal Power Supply	Input: 100-240VAC, 50-60Hz; Output: 12V VDC, 0.5A	
Environmental	Operational: 32-104°F or 0-40°C; Storage: 10-130°F; Humidity: 10-90% non-condensing	
Dimensions (H x W x D)& Weight	25mmx115mmx75mm, 0.36kg	
Caller ID	Bellcore Type 1 & II, ETSI, BT, NTT, and DTMF based CID	
Polarity Reversal / Wink	Yes	
Ring Load	3 REN, up to 150 ft on 24 AWG Line	
EMC & Safety	FCC (Part 68 & 15B), CE, C-Tick, EN55022, EN55024, TBR21, EN60950, EN61000-3-2, EN61000-3-3, AS/NZS CISPR22, CISPR24 UL (Power Supply)	

