Product Overview：

Grandstream HandyTone 486 is an "All-In-1" VoIP IAD based on SIP standard. Built upon Grandstream's innovative technology，HandyTone 486 features superb sound quality, rich functions, high degree of integration, ease of use, compact size, and ultra-affordability.

Key Features：

- Support SIP2.0 ，TCP/UDP/IP, RTP/RTCP ，HTTP ，ICMP ，ARP/RARP, DNS，DHCP (both client and server), NTP，PPPoE，TFTP, etc.

- Built-in router, NAT and Gateway

- Powerful digital signal processing (DSP) to ensure superb audio quality; advanced adaptive jitter control and packet loss concealment technology

- Ultra compact (wallet size) and lightweight design, great companion for travelers

- Support various vocoders including G.711 A-/U-law ，G.723.1, G.729A/B, G.728, G.726, iLBC.

- Support Caller ID/Name display or block, Hold, Call Waiting, Call Transfer, Call Forward, Flash, Three-Way Conferencing (pending)

- Support customizable ring tone (pending)

- Fax pass through and T.38 (pending)

- Support silence suppression and VAD ，AGC ，and echo cancellation (G.168)

- Support standard encryption and authentication (DIGEST using MD5 and MD5-sess)

- Support layer-2 (802.1Q VLAN, 802.1p) and layer-3 (DiffServ, ToS) QoS

- Support automated NAT traversal without manual manipulation of firewall/NAT

- Support remote automated provisioning and software upgrade even through firewall/NAT to enable "zero configuration" and "plug-and-dial" for end users

- Support device configuration via built-in IVR, Web browser or central configuration file

- Support DNS SRV Look Up

- SIP Server Fail Over (pending)

Hardware Specifications：

	HandyTone 486
IP Network Port	1 x 10Base-T WAN port, 1 x 10Base-T LAN port
Analog Telephone Port	1 x FXS port
PSTN Port	1 x PSTN life line port
Exterior	Black ABS plastic，tri-color LED button
Universal Power Supply	100-240V input，+5VDC/1.2A output US/Euro/UK/Japan/Australian style available
Dimension	6.3cm x 11cm x 2.8cm
Weight	360g
Operating Temperature	0-40C
Humidity	10-95% non-condensing
Compliance	FCC/CE/C-Tick