

Specification of IP622

V1.1

Revision Record

Version	Date	Author	Contents
V1.0	2011-4-1	Anne	
V1.1	2011-4-2	Anne	

Standard Business IP Phone (IP622 with PoE and Wall-mount enable)

The Intelligent Communication Device for Next Generation Network

Specification

VoIP SoC	■ CPU Core: MIPS24KEc(360M)
Flash	■ 8MBytes Flash
RAM	■ 16MBytes SDRAM
Display	■ 128×32 Graphic LCD with white back light
Phone Keys	<ul style="list-style-type: none"> ■ 2 Line keys and 4 soft keys, MENU, ■ UP,DOWN,MUTE/DEL, REDIAL ■ HOLD, MSG, Headset, Handsfree ■ 12 Dialing Buttons (0~9, *, #) ■ 10 Multi-functional key with dual-color LED
LED	<ul style="list-style-type: none"> ■ 2 Line LEDs used to indicate line status ■ 1 Handsfree, 1 Headset LED ■ 10 LEDs used to indicate multi-functional key status
Power Supply	<ul style="list-style-type: none"> ■ AC/DC Adapter ◇ AC Input: 100~240V, 50~60Hz ◇ DC Output: 5V, 1A ■ IEEE802.3af PoE in WAN port (IP622P only)
I/O Interfaces	<ul style="list-style-type: none"> ■ 2 RJ-45 port (10/100 Ethernet Ports) ■ 1 RJ9 for headset ■ 1 DND switch ■ Full duplex hands-free speaker phone ■ Headset jack and Wall-mount
Environmental	<ul style="list-style-type: none"> ■ Operation Temperature: 0~50 Degree C ■ Storage Temperature: -25~ 85 Degree C ■ Relative Humidity: 10%~90% No Condensing ■ Shock: Up to 75cm (30 inches) Drop upon Package
Audio Codec	<ul style="list-style-type: none"> ■ G.711 (A-Law, μ-Law) with PAMS above 4.3 ■ G.729A/AB with PAMS above 4.0 ■ G.723: 5.3kbps and 6.3kbps ■ G.722 ■ Adaptive Jitter Buffer Management ■ Voice Activity Detection ■ Comfort Noise Generation ■ Echo Cancellation
Protocols	<ul style="list-style-type: none"> ■ SIP V2 (RFC 3261,3262,3263,3264) ■ Backward Compatible with RFC2543 ■ Session Timer (RFC4028) ■ SDP (RFC2327) ■ RTP/RTCP (RFC1889 and RFC1890) ■ NAPTR for SIP URI Lookup (RFC2915) ■ STUN (RFC 3489) ■ ARP/RARP (RFC 826/903) ■ SNTP (RFC 2030) ■ DHCP ■ HTTP Server for Web Management ■ TFTP/HTTP/HTTPS for Auto Provisioning ■ Message Waiting Indicator (RFC3842) ■ DNS/DNS SRV (RFC1706 and RFC 2782) ■ IEEE802.1Q VLAN/802.1p and IP TOS
Management	<ul style="list-style-type: none"> ■ Firmware Upgradeable ■ Web Management Interface ■ Password Management ■ Local and Remote Syslog (RFC3164) ■ Auto Provisioning: TFTP, HTTP and HTTPS ■ SNTP Time Synchronization ■ Multi User Level ■ SNMPv2 ■ TR069



Applications	<ul style="list-style-type: none"> ■ MAC address cloning ■ SIP proxy redundancy: dynamic via DNS SRV, A records ■ Direct IP to IP calling ■ NAT Traversal: Traversal by STUN ■ Built-in NAT Router ■ QoS with Layer 2 and Layer 3 ■ DHCP Server and Client ■ IP conflict detection ■ Support PoE comply with IEEE802.3af(optional)
Call Features	<ul style="list-style-type: none"> ■ 4 lines ■ Call Waiting ■ Auto Answer ■ Music on hold ■ Caller ID and call waiting ID ■ 3-way Conference ■ Call Hold ■ Call Forwarding ■ Call Mute ■ Call Transfer: blind transfer and attended transfer ■ Delayed Hotline ■ SMS Functions ■ Redial ■ Speed Dial ■ BLF ■ Pick up ■ Call park ■ Dial Plan ■ Phonebook ■ Black List ■ MWI ■ Call log: redial list, answered calls and missed calls ■ DND ■ Full-duplex Speakerphone ■ Volume Adjustment: Handset/Headset, Speaker and Ringer ■ DTMF Relay: In-band, Out-band(RFC2833) and SIP INFO
Phone feature	<ul style="list-style-type: none"> ■ Customized Ring Tone ■ SMS (100 records) ■ Call History (100 records) - Most Recently Missed Calls - Most Recently Received Calls - Most Recently Dialed Numbers ■ Phone book (100 records) ■ Speed Dial (10 records)
Dimension	<ul style="list-style-type: none"> ■ (L) 191 x (W) 205 x (H) 75 mm ■ 720g (without package)

Copy Right 2011 All Rights Reserved by EASY3CALL TECHNOLOG LIMITED V1.1

Revision time: 2011-4-2 12:00