Multifunctional Android IP Video Phone

The VP-R48G is an Android-based multimedia terminal with a 7 inch touch screen and a 2M CMOS sensor camera. It supports H.264/H.263 codecs with adaptive bandwidth adjustment. The 7" touch screen offers excellent user experiences such as high quality videophone, smooth internet surfing, various Android Apps and daily information.



At a Glance

- **7 inch capacitive touch screen TFT LCD, 1024*600 pixels;**
- **2M pixels CMOS camera with privacy shutter;**
- **Dual switched 10/100/1000Mbps Ethernet ports, supporting IEEE802.11af and IEEE802.az Energy Efficient Ethernet;**
- **Built-in Bluetooth, USB and Wi-Fi feature;**
- **Android 5.1 Operating System and support Android API for the 3rd party Android application installation.**
- **Voice and Video Codec : PCMA,PCMU, G.722, G.723, G.729, H.263, H.264;**
- **Protocol: SIP RFC3261, TCP/UDP/IP, PPPoE, RTP/RTCP, HTTP/HTTPS, etc;**
- **AutoP: FTP/TFTP/HTTP/HTTPS**

Video Features

- Video Codec: H.263, H.264, H.265, VP8
- Video Solution: QCIF, CIF, VGA, 4CIF, 720P
- Video Bitrate: 64kbps-2Mbps
- Adaptive Bandwidth Adjustment
- Video Character: PIP, Full Screen, Local Video ON/OFF Control, Color Enhancement
- Image Codec: JPEG, GIF, PNG, BMP
- Hardware Encode/Decode Acceleration
- Variable Bit-Rate

Audio Features

- Wideband Audio Codec: G.722
- Narrowband Audio Codec: PCMA, PCMU, OPUS, iLBC, G.723, G.729
- Noise Suppression, VAD, CNG, AGC,
- Audio Accelerator
- Echo Cancelation: AEC, AES, NLP
- Full-Duplex Speakerphone
- 4 DTMF modes: RFC2833, In-Band, SIP INFO, Auto

Network and Security

- SIP V1(RFC2543), SIP V2(RFC3261)
- Network Type: IPv4 & IPv6
- UDP Keep Alive
- NAT traversal: STUN
- IP Assignment: DHCP, Static IP, PPPoE, VPN, VLAN
- QoS: Layer 2 (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ)
- Protocols: HTTP/HTTPS/FTP/TFTP/SNMP/DNS/SNTP/RTSP/SRTP/RTP/TCP/UDP/TLS/ICMP/DHCP/ARP/DNS-SRV/PNP/ZRTP
- Digest Authentication Using MD5/MD5-sess
- AES encryption for configuration file
- Access for Administration

Wireless

- Wideband Audio Codec: G.722
- Frequency: 2.400 GHz ~ 2.497 GHz
- Channels: No
- Bandwidth: 20MHz
- E.I.R.P: 802.11b /11Mbps : 18 dBm
  802.11g /54Mbps : 17 dBm
  802.11n /65Mbps : 16 dBm
- Modulation mode: 802.11b: DQPSK, DBPSK, CCK
  802.11g/n: 64-QAM, 16-QAM, QPSK, BPSK

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Bluetooth

- E.I.R.P: 11dBm

Antenna

- Type: Monopole Antenna

Phone Features

- Android 5.1 Operation System
- Support 6 SIP accounts
- Call Waiting
- Call Transfer
- Call Hold
- Mute
- Auto Redial, Call Return
- Speed Dial
- Direct IP call
- Dial Plan
- Hotline
- Multicast Paging
- Action URL/URI
- Local Audio/Video Call Recording
- Conference
- DND (Do Not Disturb)
- Volume Adjustable
- Ring Tones Selectable
- Multi-Languages Support
- Daylight Saving Time
- Default Apps: Browser, Calculator, Calendar, Camera, Clock, Contacts, Dial, Downloads, Explorer, Gallery, Message, Music, Phone Settings, Reboot Setting, Search, Settings, Sound Recorder, Surveillance, Video.
- 3rd Party Android Applications

Directory

- Local Phonebook up to 3000 Groups
- Phonebook with Contact Picture
- Call Logs: 600 Entries (200 Missed Calls; 200 Dialed Calls; 200 Received Calls.)
- Intelligent Search Method
- Favorites
- Blacklist
- LDAP

Management

- Firmware Local Update: USB Flash Disk
- Firmware Remote Update: HTTP/HTTPS method on Web
- Auto Provisioning Using FTP/TFTP/HTTP/HTTPS, PNP/DHCP Option/Manual/Automatic methods
- System Log Export
- Restore to Factory Default
- Configuration Managements Via LCD

Physical Features

- 7 Inch Capacitive Touch Screen, Resolution 1024*600, 16:9 Wide Screen Aspect Ratio
- 3 LED Lights (1 Power Light, 1 Network Light, and 1 Message Light)
- 28 Keys
- Flash Memory 8GB
- 2GB DDR3 Memory
- Foot Stand
- 2 Mega Pixels CMOS Camera, Free Rotation
- RJ9 Handset
- 3.5mm Headset jack
- 2 RJ45 10/100/1000M Ethernet Jacks
- Energy Efficient Ethernet: IEEE802.3az
- Power over Ethernet: IEEE802.3af
- Bluetooth
- Wireless Access: 802.11b/g/n
- 1 USB 2.0
- 1 HDMI Video Out Port
- Power Adapter: AC 100~240V Input, DC 12V/1A Output
- Dimensions: 240*213*120mm
- Operating Temperature: 32º ~ 104ºF (0~ 40ºC)
- Storage Temperature: -4º~ 158ºF (-20 ~ 70ºC)
- Operating Humidity: 10% to 90% Noncondensing
- Storage Humidity: 10% to 90% Noncondensing
- Power consumption (approx.): 12W
- Weight (approx.): 1.44kg
- Giftbox Size: 255*198*128mm

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