Akuvox

Datasheet

About VP-R48G

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.

- 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

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
- Favorites
- Blacklist
- Call Logs: 600 Entries (200 Missed Calls; 200 Dialed Calls; 200 Received Calls.)
- LDAP
- Intelligent Search Method

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

About Akuvox

Akuvox is a leading provider of HD IP Phone and Video Phone for SME, Enterprises and Carriers globally. With experienced R&D team in the field of VoIP and world-class STAR-NET's manufacturing facility, Akuvox produces competitive high quality products.

Akuvox provides excellent customer service with powerful technical support and partners all over the world. Our products have been deployed in more than 50 countries and well received by the customers.