

**Multifunctional Android IP Video Phone**

The VP-R49G 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 IEEE802.3az Energy Efficient Ethernet;
- Built-in Bluetooth, USB and Wi-Fi feature;
- Android 9.0 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.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