

ViewPoint 8220 Videophone



User-Oriented Fashionable Design

Phone-like appearance, angle-adjustable LCD screen and CCD camera, grouped ergonomic buttons, intuitive GUI, embedded HUB VP 8220 videophone features many friendly and easy to use design, allowing the users enjoy video call with very little effort.

3-in-1 Videophone

VP 8220 videophone supports point to point video call and multipoint videoconference over IP (LAN, WAN, ADSL, SDSL, VDSL, etc.), as well as telephone call over PSTN network. The users can choose any of these 3 functions by pushing the function buttons.

High video and audio quality

Inheriting the video and audio processing technic from ViewPoint group endpoints, VP 8220 videophone delivers 30 fps video and crystal audio to the users. The improved AGC, AEC and ANS algorithms bring the audio quality to a new level.

Multiple A/V Input/Output

There are four A/V jacks at the rear panel, allowing the users to hook up additional A/V devices such as VCD, DVD, VCR and TV set.

QoS Enhanced

With Huawei proprietary QoS measures, VP 8220 videophone can deliver smooth video even if there is heavy packet loss (around 30%). Further more, the connection rate is self-adapted to the network traffic status to ensure the video quality in the changing network environment.

Firewall / NAT Traversing

With Huawei proprietary Static NAT and SNP protocol, VP 8220 videophone can traverse the firewall and NAT devices without any extra equipments.

Effortless Maintenance

With many loop and network status checking functions, it is quite easy to locate the faulty components when there is a failure. The self-detected software upgrading mechanism frees the users from routine maintenance.

Security and Privacy

The Gatekeeper registration password and system setup password block the undesired access, and the user can turn off local video anytime to protect privacy.



VIDEOPHONEPRO

8910 Purdue Road, Suite 480
Indianapolis, IN 46268

866.222.5999

317.616.1880

www.videophonepro.com

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ViewPoint 8220 Videophone Specifications

Standards

ITU-T: H.323
Video: ITU-T H.261/H.263/H.263+
Audio: ITU-T G.711/G.728
Network: TCP/IP, DHCP, Telnet, DNS, PPPoE

Transmission Rate

IP: 64kbps~512kbps
Support bandwidth setting

Video

Composite or S-Video: QCIF (176 x 144) /CIF (352 x 288)
Frame rate: 30fps @ 384kbps
Video Enhancement tech.: VideoIntensifier
Post-Processing tech.: ViewProcessing

Audio

Acoustic Echo Cancellation (AEC)
Automatic Noise Suppression (ANS)
Automatic Gain Control (AGC)
VoiceClear
AudioEnhancer
Lip Synchronization
Built-in speaker & Mic, for hand free

Camera

Sensor: CCD
Image Size: 1/4"
Angle adjustable, 45° Tilt.

LCD Display

Type: Color TFT-LCD
Size: 5"
Angle adjustable, 45° back and forth, 60° Pan.

Connections

IP: 10/100Base-T 2 x RJ-45
Video input: CVBS PAL/NTSC (RCA)
Video output: CVBS PAL/NTSC (RCA)
Audio input Line (RCA)
Audio output Line (RCA)
PSTN phone: RJ11, CID Supported

Special Features

PIP
Fast cutting video sending
200 phone number records
Power saving mode

Languages

Chinese, English, Japanese

Diagnosis and Remote Management

Software upgrade via PC or a remote terminal
Testing voice & standard testing video signal

Electrical

Operating voltage: 100 ~ 240VAC
Frequency: 47 ~ 63Hz
Power consumption: 15 watts

Environment

Operating temperature: 0°C ~ 40°C
Storage temperature: -40°C ~ 70°C
Relative humidity: 10% ~ 80%
Noise: Less than 46dBA SPL
Min lux: 7lux
Recommended: More than 300lux

Reliability

Standard : ETS 300 386(2000), EN50082-2,
EMC class B

Physical

Dimensions: 280mm (W) x 233mm (L) x
233mm (H)
Weight: 1.5kg

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