

# ViewPoint 8220 Videophone

— Bring video communication to life

## 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 technique 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%). Furthermore, 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

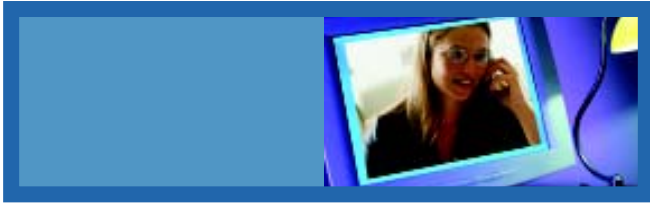
With many loop and network status checking functions, it is quite easy to locate the faulty components when there is a failure. The self-detected software upgrading mechanism frees the users from routine maintenance.

## 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.

*You Profit  
Our Goal*





## 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 × 144) /CIF (352 × 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 × 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 (width) × 233mm (length) ×  
233mm (height)  
Weight: 1.5kg