

ViewPoint 8066

— Connect up to 6 sites for live video
and content sharing meetings



DVD quality video meetings

Supporting the industry leading H.263++ / H.264 video standard, ViewPoint 8066 provides clear, high resolution, live video up to 30fps, 60 fields per second.

Superior multipoint videoconferencing capacity

The built-in MCU establishes a new benchmark for the multipoint capacity in the industry by connecting up to 6 video sites by IP, ISDN or E1/PRI.

Live content / presentation sharing

With the VGA/SXGA input and output jack, users is able to present and share any type of information, from a PowerPoint slide, WORD document, web page and so on. Images will be sent in dual stream mode at 1280*1024 resolution.

Dual video stream with H.239

With H.239, ViewPoint 8066 is able to deliver two video streams to the far end in the separate channels, each one with the DVD like video quality. By Huawei proprietary TripleStream technology, up to 2 video stream plus 1 PC content stream can be sent to and displayed at the far end separately.

High security with H.235 / AES / DES Encryption

With H.235, AES and DES encryption, the video meetings have never been secure as today, making ViewPoint 8066 fully capable for mission critical and high confidential meetings.

Multiple and flexible network interface

ViewPoint 8066 supports multiple network connections such as E1/PRI, ISDN/BRI and IP. In addition, the expansion slot at the rear panel gives users the power to add ports to expand the connection capacity.

Powerful continuous presence

ViewPoint 8066 supports up to 6 sub-pictures on the display screen, giving the users the feeling of "being there". The layouts are changeable "on the fly", and the video can be set as voice activated.

Easy-as-phone-call SiteCall

By SiteCall, initiating a video meeting becomes as easy as a telephone call. Just by selecting the attendees from the address book and click the SiteCall button, video meeting will be started automatically as you wish.

NAT / Firewall traversing

By static NAT and Huawei proprietary SNP protocol, NAT and Firewall are no obstacles for the video calls any more.

QoS enhanced

By the technologies such as DiffServ, ToS, jitter correction, packets reordering and packet loss compensation, the video quality is ensured even in fluctuating network status. The automatic down-speeding will be applied in case there is heavy traffic and the available bandwidth is decreased.

VIDEOPHONEPRO

10401 N. Meridian Street, Suite 300
Indianapolis, IN 46290

866-222-5999

317-616-1880

www.VIDEOPHONEPRO.com

A Company of

OFFICESCAPE



ViewPoint 8066 Group Video Terminal Data Sheet

Standards Supported

- H.323 V4, H.320

Video

- H.261, H.263, H.263+, H.263++, H.264

Audio

- G.711, G.722, G.728, HWBA20

Data Sharing

- T.120

Communication and Control

- TCP/IP, DHCP, ARP, FTP, SNMP, RTP, RTCP, Telnet, HTTP, PPPoE, H.221, Q.921, Q.931 BONDING 1

Other Major ITU Standards Supported

- H.225, H.231, H.233, H.234, H.235 V2&V3, H.239, H.241, H.242, H.243, H.245, H.281, H.283, H.331

Bandwidth Supported

- IP: 64 kbps - 2 Mbps
- ISDN: 64 kbps - 512 kbps
- E1/PRI: 64 kbps - 2 Mbps
- Up to 2 Mbps for multipoint conference

Video Inputs (6 Inputs)

- 1 * MiniDin, S-Video: main camera
- 1 * MiniDin, S-Video: auxiliary camera / document camera
- 3 * RCA, CVBS: auxiliary camera / document camera / VCR
- 1 * SXGA: PC

Video Outputs (5 Outputs)

- Video format 4:3 or 16:9
- 1 * MiniDin, S-Video: main monitor
- 3 * RCA, CVBS: dual monitor or VCR
- 1 * SXGA: projector or VGA/SXGA display device

Video Formats

- NTSC, PAL, VGA, SVGA, XGA, SXGA

Video and Still Image Resolutions

- SQCIF(128*96), QCIF(176*144)
- CIF(352*288), 2CIF(352*576)

VGA/SVGA/XGA/SXGA Input and Output Resolutions

- 640*480, 800*600, 1024*768, 1280*1024, up to 85HZ

Frame Rates

- 15 fps @ 64 kbps - 192 kbps
- 30 fps @ 256 kbps and above
- 60 fields per second
- Videointensifier / ViewProcessing

Audio

- AEC, ANS, AGC
- HWBA20, 20KHz Audio
- VoiceClear / AudioEnhancer

Audio Inputs (4 Inputs)

- 2 * XLR-3: microphone, audio mixer
- 2 * RCA, Line level: auxiliary or VCR

Audio Outputs (4 Outputs)

- 2 * RCA, Mono/Stereo L & R: main audio
- 1 * RCA, Line level: auxiliary or VCR
- 1 * Built-in speaker

Network Interfaces

- 2 * RJ45, 10/100Base-T
- 4 * RJ45, E1/PRI, G.703, G.704
- 4 * RJ45, ISDN BRI S-interface, I.431
- 3 * RS232, for auxiliary camera control, support SONY D30/D31/D70/D100/D100P, Canon VCC1/VCC4, GPT, PTC 100, etc.

Built-in Main Camera

- Image Sensor: 1/4 type Super HAD CCD™
- Effective Pixels: 768*494 (NTSC), 752*582 (PAL)
- Horizontal Resolution: 470 TV lines(NTSC), 460 TV lines (PAL)
- Lens: 10* Optical Zoom, 40* Digital Zoom, f=3.1 to 31, F=1.8 to 2.9
- Horizontal Angel of View: 6.6 to 65 degrees
- Minimum Object Distance: 100mm (Wide end), 600mm (Tele end)
- Minimum illumination: 3.5l x (F1.8)
- S/N Ratio: More than 50dB
- Pan/Tilt: Horizontal + 100 degrees (Max speed 300 degrees/s), Vertical + 25 degrees (Max speed 125 degrees/s) (in 0.07 degrees increments)
- 10 preset local camera
- 6 preset positions far-end camera

H.239 and DualView

- 2 video streams with H.239
- TripleStream: 2 video streams plus 1 PC content
- DualView with PIP display

Built-in MCU (Optional)

Multipoint Capacity

- Up to 6 * IP sites @ 768 kbps
- Up to 6 * ISDN sites @ 384 kbps
- Up to 6 * PSTN sites via ISDN
- Up to 1 * E1 sites @ 2Mbps
- Mixed IP, ISDN or E1 conference
- Conference rate up to 2 Mbps
- Audio mixer
- Dial in / dial out
- Conference call by MCU IP address

Continuous Presence

- Up to 6 sub-pictures
- 4 layouts (2/3/4/6), changeable on the fly
- Voice activation

Conference Control

- Remote controller, web server and open API for integration
- Extended receiver for remote controller
- Chair control, voice activation

Encryption

- H.235 V2&V3, AES, DES
- Supported in H.239 and multipoint conference

Security Features

- Administrator password
- Conference access password
- Upgrade password
- H.243 MCU conference control password
- IP address, terminal ID and password authentication (with Gatekeeper)

Closed Caption

- 16 colors
- Drifting upward/leftward
- Full screen caption
- Site name display, color/position/display mode changeable

System Management

- Embedded web server, SNMP, Telnet, FTP
- Remote software upgrade by call, web server or FTP
- On screen user menu with remote controller

Diagnosis

- 4 local loopback, 3 remote loopback
- PING IP / ISDN / E1 line test
- Volume indicator
- Built-in test tone and color bar
- Telnet with admin / user password
- Local and remote software upgrade
- Built-in event log, 10,000 entries

Address book

- 1,000 contact entries, 100 contact groups
- Quick search for the contacts

Other Features

- SiteCall
- Picture in picture
- Call records: dialed calls (16), received calls (16) and missed calls (16)
- Conference records (10)
- Customized welcome screen, sound, wallpaper, logo, etc.
- Video parameters changeable
- IP address conflict warning
- Down speeding
- Support private and public IP with NAT
- DiffServ / ToS
- Snapshot, JPG format
- Sleep mode / Screen saver
- Adaptive ventilation / heating control
- MTBF 100,000 hours

Languages

- Chinese, English

Power

- Auto sense power
- 100-240 VAC, 47-63Hz, 45 watts

Environment

- Storage temperature: -40°C - 70°C
- Working temperature: 0°C - 55°C
- Humidity: 10% - 95%

Physical

- 360mm(L)*230mm(W)*140mm(H)
- 3.0 KG