



HUAWEI Room Presence Series

In today's fast-paced global economy, business is being made between companies and partners distributed around the world, day and night. It is obvious that he who is acting fast upon the market demand will win the game.

HUAWEI Room Presence series bring people together in a best ever virtual meeting experience and enable face to face collaboration as personal as being in the same room. It is a cost-effective solution which helps reduce costs and accelerate decision-making for enterprises.

With an innovative and well organized GUI (Graphical User Interface), HUAWEI Room Presence series enable users to operate the system easily and efficiently. You will love them.

HD video is nice, but sound effect is more essential during a conference call. By adopting AAC-LD, Huawei proprietary HWA-LD and other standard-based wide band audio technology, HUAWEI Room Presence series can deliver best of video and audio to make people experience "across the table" collaboration.

People now tend to concern more about the security of videoconference call, and Huawei has the solution to address the problem. HUAWEI Room Presence series adopt standard-based H.235 and AES encryption techniques to ensure that your videoconference call is well protected from malicious hacking and sniffing. The device configuration and setup is locked by admin password to avoid any misplay.

Flexible options

Multi size (55", 46", 40") displays for selection
Single and Dual displays for selection



RP100-40: Single 40" display
RP100-46: Single 46" display
RP100-55: Single 55" display



RP200-40: Dual 40" displays
RP200-46: Dual 46" displays
RP200-55: Dual 55" displays

HUAWEI Room Presence System Specifications

System Components

- VP Series HD Codec
- HD PTZ Camera
- Digital microphone Array M210
- Display: 55"/46"/40" LED (Samsung Panel), 16:9, 1920*1080 resolution
- Remote control
- Optional: 10" PAD (Android Pad/iPad2/The New iPad)

Network

- Standards and protocols: ITU-T H.323/320, IETF SIP
- Network standards: TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP

Bandwidth

- H.323/SIP up to 8M (RP100-55 and RP200-55)
- H.323/SIP up to 4M (RP200-46, RP200-40, RP100-46, RP100-40)

Video Standards and Protocols

- H.264, H.263, H.263+, H.261
- H.239

People Video Resolution

- 1080p 30fps from 1Mbps
- 720p 60fps from 768kbps
- 720p 30fps from 512kbps

Content Video Resolution

- VGA (640×480), SVGA(800×600), XGA (1024×768), 720p(1280×720), WXGA(1280×768), WXGA(1280×800), SXGA (1280×1024), WXGA(1366×768), 1440×900, SXGA+(1400×1050), 1080i(1920×1080), 1080p(1920×1080)
- Support for dual Live stream mode: 720p(25/30fps) and 720p(25/30fps)

Audio Standards and Protocols

- AAC-LD, HWA-LD, G.722, G.722.1*, G.722.1C*, G.711, G.728

Audio Features

- Acoustic Echo Cancellation (AEC)
- Acoustic Noise Suppression (ANS) 12 dB
- Automatic Gain Control (AGC) ±6 dB
- VoiceClear
- AudioEnhancer

Other Supported Standards

- H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, T.140

User Interface

- Languages: English, Chinese

Built-in MCU

(Optional for Remote control Only)

- 4 HD video sites and 3 audio sites (RP100-40, RP200-40, RP100-46, RP200-46)
- 6 HD video sites and 3 audio sites (RP100-55, RP200-55)

Security

- H.235 signaling and media stream encryption
- AES media stream encryption
- Conference access password
- Conference control password
- Administrator password
- H.323 ID and number binding
- IP address and number binding

Digital Caption

- Caption banner, body text and information bar
- Rolling display mode of the speech draft
- What-you-see-is-what-you-get (WYSIWYG) caption editing

Maintenance Management

- Local and remote loopback
- Test signals: providing test sound and standard test stripes
- Volume input indication
- IP network test
- Local and remote software upgrades
- Built-in Web server, GUI interface
- Indication for network packet loss
- Event log record
- Default settings restoration

Special Features

- Hybrid with IMS Network
- Power-on picture
- Picture-in-picture: 1/16 picture size, optional position
- 16:9 and 4:3 mixed display
- Split output: Bi-screen and tri-screen display
- Active caption
- Group function

- SiteCall
- Call record
- Network address book
- SNP traversal between the public network and private network
- Intelligent rate control (IRC)
- Super error concealment (SEC)
- LDAP
- API for integration

Approval and Compliance

- CE
- RoHS
- UL
- FCC

Power Supply & Power Consumption

- Working voltage: 100–240V AC
- Working frequency: 50–60Hz
- Power consumption:
 - RP200-55: 435w
 - RP200-46: 385w
 - RP200-40: 375w
 - RP100-55: 275w
 - RP100-46: 260w
 - RP100-40: 255w

Environmental Specification

- Operating Temperature: 0-40°C
- Operating Humidity: 20-80%
- Peripheral noise: < 40 dBA SPL
- Recommended illuminance: 450 lux
- Reverberation time: 0.3-0.5s
- Color temperature: 4000k

Physical Characteristics

- Dimensions:
 - RP200-55: 2550×500×1690
 - RP200-46: 2170×500×1600
 - RP200-40: 1900×500×1570
 - RP100-55: 1270×500×1690
 - RP100-46: 1080×500×1600
 - RP100-40: 950×500×1570
- Weight:
 - RP200-55: 90kg
 - RP200-46: 80kg
 - RP200-40: 70kg
 - RP100-55: 65kg
 - RP100-46: 60kg
 - RP100-40: 55kg

*: G.722.1/G.722.1C, licensed from Polycom®