

GTS VideoRoom Pro

High Performance for People and Content



The GTS VideoRoom Pro delivers the high-fidelity experience needed for conferences on larger screens. With the power to transmit and receive 1080p participant video and display either participant video or shared content on a second screen, this versatile group solution delivers the detail required for rich interaction in a multipoint conference. Like every GTS VideoRoom solution, the HD-230 supports multipoint conferencing, HD encoding and decoding, and dual screens at no extra cost. The HD-230 works with off-the-shelf display, camera, and audio components so you can video enable any room to your own specifications.

Key Features

GTS VideoRoom Pro Highlights

- Transmit up to 1080p30, receive up to 1080p60
- Enhanced resolutions and frame rates for shared content
- Display up to 16 participants on two screens
- Share content directly via DVI/HDMI, or via VidyoDesktop™, or with the VidyoSlate™ tablet app
- Multipoint Content Sharing: toggle to switch between shares from multiple participants

Outstanding User Experience

- Global address book with presence and speed dial
- Multiple active speaker and continuous presence layouts
- Manage conferences with the hand-held remote control or by touchscreen with the free VidyoRemote™ app for tablets
- Conference with participants on room systems, desktops, laptops, tablets, and smartphones

Exclusive Technology

- Connects through GTS Videoconference service for highly- scalable multipoint performance with imperceptible latency
- Advanced SVC (UCIF Mode 2s) delivers unmatched quality, reliability, and efficiency
- Dynamic adaptation technologies continuously optimize media streams for unmatched fidelity over variable networks and devices
- Conference with participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Access legacy endpoints via the GTS infrastructure or through the free VidyoWay™ interconnectivity service

Easy to Own & Secure

- Media and signaling encryption (AES-128 bit, HTTPS, SRTP, TLS with certification)
- GTS Videoconference provides conference moderation and automatic software updates
- PIN-protect and lock virtual conference rooms

Powered by



Specifications

VidyoRoom™ HD-230	
Screen Layouts	Screen 1: Multiple layouts for active speaker video, continuous presence video, and shared content Screen 2: Multiple layouts for active speaker video, continuous presence video, and shared content
Video Codec	Native: H.264 SVC (UCIF Mode 2s) Via VidyoGateway / VidyoWay: H.263, H.263+, H.264 AVC
Audio Codec	Native: SPEEX Wideband Audio, up to 32 KHz sampling rate Via VidyoGateway / VidyoWay: G.711, G.722
Live Resolutions (Transmitted)	Native: 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 Via VidyoGateway / VidyoWay: 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Live Resolutions (Received)	Native: 1080p60, 1080p30, 1080p15, 720p60, 720p30, 540p30, 450p30, 360p30 Via VidyoGateway / VidyoWay: 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Max Data Rate	Transmit: 4Mbps Receive: 8Mbps
Content Sharing	Content Input: DVI-D (digital only) Soft Share: Connect with VidyoDesktop or the VidyoShare tablet app (network connection required) Remote Display: Scales shared content from remote participants (up to 2540 x 2048) to screen resolution Multipoint Content Sharing: toggle to switch between shares from multiple remote participants Local Projection: Up to 1920 x 1080, with local display when not in conference
Video Outputs	Out 1: 1x DVI-I (digital and analog) Out 2: 1x DisplayPort (DP-to-DVI dongle included)
Camera In	1 x DVI
Camera Control	1 x RS-232
Audio Inputs/Outputs	1x USB, 1 x 3.5mm Stereo Jack
Signaling Protocols	Native: EMCP, SCIP Via VidyoGateway / VidyoWay: H.323, SIP
Encryption	Native: AES 128-bit, TLS, SRTP, HTTPS Via VidyoGateway / VidyoWay: H.235
Central Management	Configuration, management and software upgrades provided by GTS Reports on conference records and utilization provided by GTS
Licensing	GTS cloud Videoconference service required
Monitoring	SNMP
Network Interface	1x Gigabit Ethernet. Supports 10 BASE-T, 100 BASE-TX, & 1000 BASE-T, RJ45 outputs
Languages	English, Chinese (Simplified or Traditional), Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish
Power Consumption	Internal High Efficiency 255W AC to DC power supply w/ APFC 100~240V (2.3A, 47-63Hz); DC Output = 12V (14A)
Environment	Operating Temperature Range: 5 to 35°C Non-Operating Temperature Range: -40 to 65°C Operating Humidity Range: 20% to 80% (non-condensing) Non-Operating Humidity Range: 5% to 95% (non-condensing)
Regulatory	EMI/EMC: EMI/EMC: FCC (US), ICES (Canada), CD (Europe), CCC (China), EAC (Russia), VCCI (Japan), C-Tick (Australia/New Zealand), KC (Korea), BSMI (Taiwan), BIS (India), NOM (Mexico), SABS (South Africa) Safety: TUV and UL certified Environmental: RoHS compliant
Dimensions	Height: 290 mm Width: 92.6 mm Depth: 312 mm Gross Weight: 5.3 kg
Peripherals	DM Camera: Minrray VHD-A910 or USB camera with speakerphone Logitech cc3000e Speakerphone: Konftel 300 Screen (optional): LED TV 50" or Full HD projector

