

HUAWEI TP3206 G2

HUAWEI Telepresence



HUAWEI TP3206-65 G2



HUAWEI TP3206-70 G2

HUAWEI TP3206 G2 is a next-generation telepresence system that integrates cutting-edge Huawei codec and technologies. This system features image fusion technology combined with a proprietary panoramic camera and 65/70-inch display. It supports 6 participants (one row) and up to 18 or 14 participants (two rows) in a meeting room for quality communication, to deliver quality communication, making it a perfect option for high-end business meetings.

Superb Meeting Experience with Premium Design

Compact, ergonomic design seamlessly integrates the camera, microphone, speaker, screen, and other components. Easy-to-open front panels for quick installation and maintenance. Support for remote meetings, file sharing, presentations, and other functions for local meetings of up to 10 people. Optimal lighting, color, and sound deliver a perfect meeting experience.

True-to-Life Ultra-HD, Impressive Video Quality

Proprietary co-optical panoramic seamless imaging and image-splicing technologies provide 1:1 true-to-life images of participants. Camera Standing and Seated modes offer optimal participant view. Standing mode provides an overall image of a standing participant. 22-inch widescreen tabletop with a 16:9 aspect ratio and 4.4 mm narrow gap between displays, offering automatic shared presentation display of up to 1920 x 1080 resolution.

Intelligent Codec with Excellent Performance

Encoding and decoding technologies of 3-channel 1080p 60 fps video and 1-channel 1080p 60fps provide clear, smooth images. Proprietary Video Motion Enhancement (VME) technology, along with H.264 HP and H.265 standards deliver 1080p 30 fps video, even when the bandwidth is only 3 Mbit/s. H.264/H.265 and SEC packet loss concealment technologies provide an optimal audiovisual experience even when packet loss rate reaches 30%. Open network with IPv4 and IPv6 network protocols.

Accurate Sound Localization in Every Corner

Accurate sound localization using six embedded microphones in the conference table. AAC-LD-based 2-channel audio input with a maximum sampling rate of 48kHz. Acoustic Echo Cancellation (AEC), Automatic Gain Control (AGC), and Automatic Noise Suppression (ANS) technologies deliver a cinema-level sound experience.

Extensive, easy-to-operate Functions

Huawei-developed touch panel facilitates quick and easy operations on the telepresence system.

A user-centered design enables users to join meetings, mute microphones, make calls, share presentations (plug-and-play supported), and obtain online help at the tap of a button.

The conference control facilitates advanced functionality, such as initiating a call directly from an endpoint (SiteCall) and viewing specific sites.

Maximized Return on Investment

Compatible with traditional video conferencing systems to maximize the use of legacy devices and network resources, and protect customers' original investments.

Reduced bandwidth, energy, and space consumption to slash TCO by 30%.

Powerful Network Adaptability, High Security and Stability

Huawei's Intelligent Rate Control (IRC) technology delivers smooth video at the optimal resolution for a specific bandwidth.

Enhanced meeting security thanks to H.235-based signaling and media stream encryption, GK registration password authentication, and meeting password authentication.

HUAWEI TP3206 G2 Specifications

Category	Item	Specification
System components		Telepresence codec , panoramic camera, 65/70-inch displays, tabletop displays, embedded microphones, high-fidelity speakers, dedicated touch panel, conference table, and chairs (optional)
Communications protocols and ports	Communications framework	ITU-T H.323, IETF SIP
	Video protocols	H.263/H263+, H.264 BP, H.264 HP, H.264 SVC, H.265
	Audio protocols	AAC_LD mono, AAC_LD stereo, G.711, OPUS, G.722
	Video formats	1080 50/60p, CIF/SIF, 4CIF/4SIF
	Dual-stream protocols	H.239, BFCP
	Other communications protocols	H.225, H.233, H.235, H.241, H.245, H.281, H.283, H.350, H.460, T.140
	Network transport	IPv6/IPv4, TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP
IP line bandwidth H.265 codec		720p 30 fps — minimum: 0.8 Mbit/s; recommended: 2.2Mbit/s 1080p 30 fps — minimum: 1.1 Mbit/s; recommended: 3.3 Mbit/s 1080p 60 fps — minimum: 2.3 Mbit/s; recommended: 6 Mbit/s
IP line bandwidth H.264 codec		720p 30 fps — minimum: 1.1 Mbit/s; recommended: 2.2 Mbit/s 1080p 30 fps — minimum: 1.5 Mbit/s; recommended: 4.5 Mbit/s 1080p 60 fps — minimum: 3 Mbit/s; recommended: 9 Mbit/s
Screens	Display	Size: 65/70 inches Resolution: 1920 x 1080
	Dedicated touch panel	Size: 10 inches
	Tabletop display	Size: 22 inches Resolution: 1920 x 1080
Camera		4K 30/60p 1/1.7-inch CMOS image sensor
Environment	Ambient temperature	Operating temperature: 0°C to 40°C (32°F to 104°F) Storage temperature: -20°C to +60°C (-4°F to +140°F)
	Relative humidity	20% to 80%
	Ambient noise	< 43 dBA SPL
	Recommended luminance	300 lux (for faces)
Power supply	Recommended meeting room size (H x W x D)	HUAWEI TP3206-65 G2: 2800 mm x 6500 mm x 4600 mm (110.2 in. x 256.0 in. x 181.1 in.) HUAWEI TP3206-70 G2: 2800 mm x 8000 mm x 4600 mm (110.2 in. x 315.0 in. x 181.1 in.)
	Voltage	100–240 V AC, 50–60 Hz
	Power	< 1972W (excluding the lighting and air conditioning systems)