

Huawei Panovision Telepresence TP3206-55

Ultimate HD Telepresence, First Panoramic Telepresence in the world, Immersive Experience and Easy to Use.



HUAWEI TP3206-55 is a new panoramic Telepresence solution with more powerful codec. The new solution adopts one panoramic camera and three impressive 55" ultra-narrow bezel displays to provide users with the most immersive conference experience, which helps you make fast decisions, reduce cost and stay ahead of competition.

Immersive HD Video and Audio Experience

HUAWEI TP3206-55 offers immersive telepresence experience at lower bandwidth by VME(Video Motion Enhancement) and H.264 HP(High Profile) dual core drive. We have combined the best of video, audio and collaboration technologies to deliver dual-stream 1080p resolution for video and content sharing. With 6 MICs and AAC-LD triple-track-broadband audio, HUAWEI TP3206-55 brings you the perfect telepresence experience.

Ease of Use

With an innovative and popular touch screen Graphical User Interface (GUI), HUAWEI TP3206-55 employs a 10-inch touch panel for the conference control, providing an intuitive interface for users to operate the system.

Unmatched Network Adaptability and Stability

IP technology is evolving, but there are always times that the live video quality is undermined due to QoS issues. With SEC (super error concealment) and H.264 SVC (scalable video coding) technology, TP3206-55 is able to keep producing good video quality even if there is significant packet loss, low bandwidth, latency or jitter over the network.

Reduced TCO




Most companies expect to reduce cost with Telepresence. TP3206-55 supports local conference, front mount installation and maintenance. In addition, TP3206-55 saves space, power consumption and bandwidth, which consequently lowers TCO by up to 30%.

High Interoperability and Reliability

Huawei develops standard-based telepresence system, guaranteeing its high interoperability with mainstream telepresence products, including Telepresence based on TIP.

People now tend to concern more about the security of videoconference, and Huawei has the solution to address the problem. HUAWEI TP3206-55 adopts standard-based H.235 and AES encryption techniques to ensure that your videoconference is well protected from malicious hacking. The device configuration is locked by the admin password to avoid any misplay.

HUAWEI TP3206-55 Key Features

Video Quality	High Definition Standard-based 1920 x 1080 - 60 fps 1280 x 720 - 60 fps
Content Quality	1920 x 1080 - 60fps
HD Displays	 3 Video, 3 Data
HD Camera	Panoramic Camera 
Hi-Fi Audio	6 MIC 

HUAWEI TP3206-55 Specifications

System Components

Telepresence CodecTE80

Telepresence Camera

55" ultra-narrow bezel Display

22" content Display

Microphone

Speaker

Laptop/content input accessory

10" touch panel

Conference table (not include chair)

Network

Standards and protocols: ITU-T H.323, IETF SIP

Network standards: IPv6/IPv4, TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP

Video Standards and Protocols

H.263/H263+, H.264 BP, H264 HP, H.264 SVC

H.239, BFCP

Bandwidth Requirements

Frame	Minimum	Recommended
720p 30fps	2.3 Mbps	3 Mbps
720p 60fps	3 Mbps	4.5 Mbps
1080p 30fps	3 Mbps	4.5 Mbps
1080p 60fps	6 Mbps	9 Mbps

People Video Resolution

1080p 50/60fps, 1080p 25/30fps, 1080i 50/60fps, 720p 50/60fps, 720p 25/30fps, 4CIF/4SIF, 2CIF/2SIF, CIF/SIF

Content Video Resolution

SVGA (800 x 600), XGA (1024 x 768), 720p (1280 x 720), WXGA (1280 x 768), WXGA (1280 x 800), SXGA (1280 x 1024), WXGA (1366 x 768), 1440 x 900, SXGA+ (1400 x 1050), 1600 x 900, 1600 x 1200, 1680 x 1050, 1080p (1920 x 1080), 1920 x 1200

Support for multiple dual live stream modes:

- 1080p (50/60 fps) and 1080p (50/60 fps)
- 1080p (25/30 fps) and 1080p (25/30 fps)
- 720p (50/60 fps) and 720p (50/60 fps)
- 720p (25/30 fps) and 720p (25/30 fps)

Audio Standards and Protocols

AAC-LD, G.722, 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.225, H.233, H.235, H.241, H.245, H.281, H.283, H.350, H.460, T.140

Panoramic Camera

1080p 50/60

2/3-inch CMOS

User Interface

Languages: Simplified Chinese, Traditional Chinese, English, Spanish, French, Portuguese, Arabic, Thai, Russian, Japanese

Control mode: 10" touch panel, Web

Security

H.235 signaling and media stream encryption

AES media stream encryption

TLS

SRTP

Conference access password

Conference control password

Administrator password

H.323 ID and number binding

IP address and number binding

Special Features

Active caption

Group function

SiteCall

Chair Site Set CP

Call record

Intelligent rate control (IRC)

Super error concealment (SEC)

Local conference capability up to 10 people

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

Front mount installation and maintenance

Power Supply & Power Consumption

Working voltage: 100 - 240 VAC

Working frequency: 50 - 60 Hz

Power consumption: <1500 W

Environmental Specification

Operating temperature: 32 to 104°F (0° C to 40°C)

Operating humidity: 20 to 80%

Peripheral noise: < 40 dBA SPL

Recommended illuminance: 300 lux

Physical Characteristics

Dimensions (H x W x D): 6'1" x 13'11" x 9'11" feet (1850mm x 4290mm x 3040mm)

Weight: < 1764 lb (800 kg)