



Huawei Panovision Telepresence TP3206

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



In today's fast-paced global economy, business is being made among 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 TP3206 is the first panoramic Telepresence solution in the world. The new solution adopts one co-optical-center 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 offers immersive telepresence experience at lower bandwidth by Video Motion Enhancement (VME). We have combined the best of video, audio and collaboration technologies to deliver dual-stream 1080p resolution for video and content sharing. With 3 MICs and AAC-LD triple-track-broadband audio, HUAWEI TP3206 brings you the perfect telepresence experience.

Ease of Use

With an innovative and popular touch screen Graphical User Interface (GUI), HUAWEI TP3206 employs Huawei MediaPad 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 Huawei Super Error Concealment (SEC) and Intelligent Rate Control (IRC) technology, TP3206 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 supports local conference, front mount installation and maintenance. In addition, TP3206 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 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 Key Features

Video Quality High Definition
Standard-based
1920x1080-60 fps
1280x720-60 fps

Content Quality HD: 1920x1080

HD Displays 
3 Video Displays

HD Camera Co-optical-center camera


Hi-Fi Audio 
Microphone

HUAWEI TP3206 Specifications

System Components

- 3 HUAWEI VP9039A-T codecs
- Telepresence Camera HUAWEI TC330
- 3*55" ultra-narrow bezel displays
- Crystal audio with AAC-LD 48KHz spatial sound
- Telepresence Intelligence Control software
- Huawei 10" MediaPad FHD
- Power supplies
- Accessory kit
- Furniture (chairs are not included)

Network

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

Video Standards and Protocols

- H.264, H.263
- H.239

Bandwidth Requirements

Frame	Minimum	Recommended
720p 30 fps	2.3 Mbps	4.5 Mbps
720p 60 fps	3 Mbps	6 Mbps
1080p 30 fps	3 Mbps	6 Mbps
1080p 60 fps	6 Mbps	12 Mbps

People Video Resolution

- 1080p (50/60 fps), 1080p (25/30 fps), 720p (50/60 fps), 720p (25/30 fps), 4CIF, CIF

Content Video Resolution

- VGA (640 x 480), 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), 1080p (1920 x 1080)
- Support for multiple dual live stream modes:
-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

Co-optical-center camera

- 1080p 50/60
- 2/3 C-Mount lenses
- Manual focus

User Interface

- Languages: English, Chinese
- Control mode: 10" Pad, 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

- Integration with Microsoft OA
- Support network based recording
- Active caption
- SiteCall
- Call record
- Network address book
- 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

Approval and Compliance

- CE
- RoHS

Power Supply & Power Consumption

- Working voltage: 100–240V AC
- Working frequency: 50–60Hz
- Power consumption: <1700 W

Environmental Specification

- Operating temperature: 0° C -40°C
- Operating humidity: 20-80%
- Peripheral noise: < 40 dBA SPL
- Recommended illuminance: > 300 lux

Physical Characteristics

- Dimensions (H x W x D): 1800mm x 4350mm x 2960mm
- Weight: < 700 kg