



# HUAWEI TP3106

Ultimate HD Telepresence, Immersive Experience and Ease of Use.



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 TP3106 is the first 1080P 50/60fps Telepresence worldwide, which brings people together in a best ever virtual meeting experience with simplicity and style. This system enables people thousands of miles away to collaborate face to face as personal as being in the same room, resulting in reduced cost and accelerated decision making.

## Immersive Experience With HD Video and Directional Sound

HUAWEI TP3106 offers real-life telepresence experience at lower bandwidth by VME(Video Motion Enhancement ) and HP(High Profile) dual core drive. We have combined the best of video, audio and collaboration technologies to deliver dual 1080P resolution for video stream and content sharing. With 6 MICs and AAC-LD triple-tracks-broadband audio, HUAWEI TP3106 brings you the perfect telepresence experience.

## Ease of Use

With an innovative and trendy touch screen GUI (Graphical User Interface), HUAWEI TP3106 the first Andriod based tablet worldwide for 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 SEC (super error concealment ) and IRC (intelligent rate control ) technology, HUAWEI TP3106 is able to keep producing good video quality even if there are significant packets loss or low bandwidth, latency and jitter over the network.

## High Interoperability and Reliability


Huawei develops standard-based telepresence system, making sure it's highly interoperable with mainstream telepresence equipments, including telepresence based on TIP.

People now tend to concern more about the security of videoconference call, and Huawei has the solution to address the problem. HUAWEI TP3106 adopts 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.

### HUAWEI TP3106 Key Features

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

Content Quality HD: 1920x1080

HD Monitors   
3 Video,3 Data

HD Cameras 

Hi-Fi Audio 

# HUAWEI TP3106 Specifications

## System Components

- 3 pieces of 22" 16:9 extra content screen
- 3 HUAWEI VP9039A-T codec
- Telepresence Camera HUAWEI TC301
- Crystal audio with AAC-LD 48KHz spatial sound
- Telepresence Intelligence Control software
- Laptop/content input accessory
- 10" PAD
- Power supplies
- Accessory kit
- Furniture (not include chair)

## Telecom Standards & Protocols

- ITU-T H.323/H.320, IETF SIP

## Video Standards & Protocols

- H.264, H.263, H.263+, H.261
- 1080p(50/60fps), 1080p(25/30fps), 720p(50/60fps), 720p(25/30fps), 4CIF, CIF

## Bandwidth requirements

Frame	Minimum	Recommended
720p 30fps	768Kbps per codec	1.5Mbps per codec
720p 60fps	1Mbps per codec	2Mbps per codec
1080p 30fps	1Mbps per codec	2Mbps per codec
1080p 60fps	2Mbps per codec	4Mbps per codec

## Content Video Resolution

- H.239
- SXGA (1280×1024), XGA (1024×768), SVGA(800×600), VGA (640×480)
- Support for multiple dual Live stream mode:
  - 1080p(25/30fps) and 1080p(25/30fps)
  - 720p(50/60fps) and 720p(50/60fps)
  - 720p(25/30fps) and 720p(25/30fps)

## Audio Standards & Protocols

- AAC-LD, HWA-LD, G.722, G.711, G.728
- HWA-LD: Huawei broadband audio Low Delay
- Acoustic Echo Cancellation (AEC)
- Acoustic Noise Suppression (ANS) 12 dB
- Automatic Gain Control (AGC) ±6 dB
- VoiceClear
- AudioEnhancer

## Other ITU-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
- Control mode: 10" PAD, Web

## 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

## Special Features

- Hybrid with IMS Network
- Active caption
- Group function
- SiteCall (HD dual stream)
- Call record
- Network address book
- Intelligent rate control (IRC)
- Super error concealment (SEC)
- LDAP
- Helpdesk service
- Sleep and Wake-up mode

## Maintenance Management

- Local and remote loopback
- Test signals: providing test sound and standard test stripes
- Volume input indication
- IP network test
- Telnet: command line mode; providing user-level and administrator-level login accounts
- Local and remote software upgrades
- Embedded Web server, GUI interface
- Indication for network package loss
- Event log record
- Default settings restoration

## Approval and Compliance

- CE
- RoHS

## Power Supply & Power Consumption

- Working voltage: 100–240V AC
- Working frequency: 50–60Hz
- Power consumption: <3.2kw

## Environmental Specification

- Operating Temperature: 0-40°C
- Operating Humidity: 20-80%
- Non-Operating Temperature: -20°-60° C
- Peripheral noise: < 40 dBA SPL
- Recommended illuminance: > 450 lux

## Physical Characteristics

- Dimensions (L×W×H): 5600mm×3200mm×1840mm
- Weight: <1500 kg