Huawei TP1002

Ultimate HD Telepresence, Immersive Experience and Easy to 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 TP1002 brings people together in a best ever virtual meeting experience, immediately and enjoyable. Synergy between people creates value, reduce cost and help you stay ahead of competition.

Immersive Experience With HD Video and Directional Sound

Huawei Telepresence TP1002 offers a real-life telepresence experience. We have combined the best of video, audio and collaboration technologies. TP1002 has immersive HD video, HD audio and HD content quality.

Ease of Use: Integrated System Control via Touch Screen

Easy of use is a long time obstacle for videoconference industry and people hate that complicated and dull remote control. With a re-designed innovative trendy, neat and well organized touch screen GUI, Huawei TP1002 is standing out of competition.
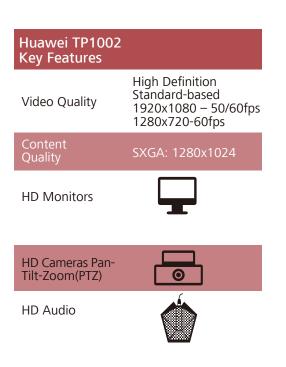
Affordable, Cost-effective Solution

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 TP1002 is able to keep producing good video quality even if there are significant packet loss or low bandwidth, latency and jitter over the network link.

Standard-based, Highly Interoperable

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

Worrying about security of your videoconference call? Huawei TP1002 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 TP1002 Key Features	
Video Quality	High Definition Standard-based 1920x1080 – 50/60fps 1280x720-60fps
Content Quality	SXGA: 1280x1024
HD Monitors	
HD Cameras Pan-Tilt-Zoom(PTZ)	
HD Audio	

Huawei TP1002 Specifications

System Components
- Huawei VP9039A-T codec
- Telepresence Camera TC101
- HiFi Microphone
- Telepresence Intelligence Control software
- 8.4"Color Touchscreen
- Power supplies
- Accessory kit

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	1.5Mbps
720p 60fps	1Mbps	2Mbps
1080p 30fps	1Mbps	2Mbps
1080p 60fps	2Mbps	4Mbps

Content Video Resolution
- H.239
- SXGA (1280x1024),XGA (1024x768), SVGA(800x600), VGA (640x480)
- 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,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, French, Spanish, Portuguese, Russian, German, Chinese
- Control mode: Touchscreen, Remote control, Telnet, 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)

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

Electrical
- Working voltage: 100-240V AC
- Working frequency: 50-60Hz
- Power consumption: <1.2kw

Environmental Specification
- Operating Temperature: 0℃-40℃
- Operating Humidity: 10-90%
- Non-Operating Temperature: -40℃-70℃
- Peripheral noise: < 40 dBA SPL
- Recommended illuminance: > 300 lux

Physical Characteristics
- Dimensions(LxWxH):1780mmx730mmx1700mm
- Weight: 240 kg