

HUAWEI TP3218

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



HUAWEI TP3218

HUAWEI TP3218 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 TP3218 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 16 MICs and AAC-LD triple-track-broadband audio, HUAWEI TP3218 brings you the perfect telepresence experience.

Ease of Use

With an innovative and popular touch screen Graphical User Interface (GUI), HUAWEI TP3218 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 Huawei SEC (super error concealment) and IRC (intelligent rate control) technology, HUAWEI TP3218 is able to keep producing good video quality even if there are significant packets loss or low bandwidth, latency and jitter over the network.

Reduced TCO

Most companies expect to reduce cost with Telepresence. TP3218 supports local conference, front mount installation and maintenance. In addition, TP3218 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 TP3218 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 TP3218 Key Features

Video Quality

High Definition
Standard-based
1920 x 1080 - 60 fps
1280 x 720 - 60 fps

Content Quality

HD:1920 x 1080

HD Displays

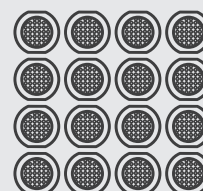


3 Video, 9 Data

HD Camera



Hi-Fi Audio



HUAWEI TP3218 Specifications

System Components		
Telepresence Codec		
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 : TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP		
Video Standards and Protocols		
H.264, H.263		
H.239, BFCP		
Bandwidth Requirements		
Frame	Minimum	Recommended
720p 30fps	2.3 Mbps	4.5 Mbps
720p 60fps	3 Mbps	6 Mbps
1080p 30fps	3 Mbps	6 Mbps
1080p 60fps	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 mode:		
<ul style="list-style-type: none"> • 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-inch CMOS		
Manual focus		
User Interface		
Languages: Simplified Chinese, Traditional Chinese, English, Spanish, French, Portuguese, Arabic, Thai, Russian		
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
Integration with IMS Network
Integration with Microsoft Lync2010™ and OCS2007R2
Active caption
Group function
SiteCall (HD dual stream)
Chair Site Set CP
Call record
LDAP/Network address book
eSpace address book
Intelligent rate control (IRC)
Super error concealment (SEC)
Local conference capability
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 - 240 VAC
Working frequency: 50 - 60 Hz
Power consumption: <2100 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: > 350 lux
Physical Characteristics
Dimensions (H x W x D): 5'10" x 24'6" x 16'9" feet (1800mm x 7530mm x 5156mm)
Weight: < 2922 lb (1325 kg)