



# Huawei TP3118S

Ultimate HD Telepresence, Immersive Experience and Easy to Use.



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Huawei TP3118S brings people together in a best ever virtual meeting experience with the European industry design idea, comfortable, 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 TP3118S 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. TP3118S has dual 1080p resolution for content sharing. With 12 MICs and AAC-LD triple-tracks-broadband audio, TP3118S brings you the perfect telepresence experience.

## 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 TP3118S employs worldwide first Android tablet for the conference control, and now 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 TP3118S is able to keep producing good video quality even if there are significant packets 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 TP3118S 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.

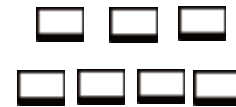
### Huawei TP3118S

#### Key Features

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

Content Quality HD: 1920x1080

HD Monitors 



3 Video, 7 Data

HD Cameras 

Hi-Fi Audio 

# TP3118S Specifications

## System Components

- 7 pieces of 22" 16:9 extra content screen
- 3 Huawei VP9039A-T codec
- Telepresence Camera TC310
- Crystal audio with AAC-LD 48KHz spatial sound
- Telepresence Intelligence Control software
- Laptop/content input accessory
- Android based touch screen control panel
- 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: 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)
- LDAP

## 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: <3.2kw

## Environmental Specification

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

## Physical Characteristics

- Dimensions(LxWxH):5750mmx5600mmx1840mm
- Weight: <1850 kg



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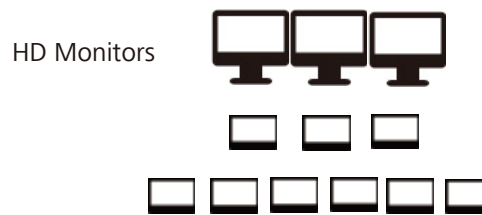
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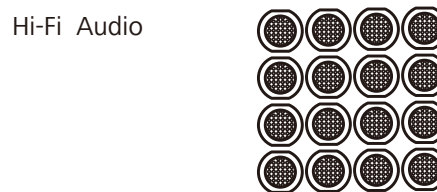
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Huawei TP3118

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