# HUAWEI TP3118S
## 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 TP3118S brings people together in a best ever virtual meeting experience with simplicity and style, delivering 1080p60 ultra-HD video in true-to-life dimensions, AAC-LD audio to create face-to-face communications, which helps you make fast decisions, reduce cost and stay ahead of competition.

### Immersive Experience With HD Video and Directional Sound

HUAWEI 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 to deliver dual 1080P resolution for video stream and content sharing. With 12 MICs and AAC-LD triple-tracks-broadband audio, HUAWEI TP3118S brings you the perfect telepresence experience.

### Ease of Use

With an innovative and trendy touch screen GUI (Graphical User Interface), HUAWEI TP3118S employs a 10-inch PAD 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 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.

### 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 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 | |

# HUAWEI TP3118S Specifications

## System Components
- 7 pieces of 22" 16:9 extra content screen
- 3 HUAWEI VP9039A-T codec
- Telepresence Camera HUAWEI TC310
- 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

## 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%
- Peripheral noise: < 40 dBA SPL
- Recommended illuminance: > 450 lux

## Physical Characteristics
- Dimensions (L×W×H): 5750mm×5600mm×1840mm
- Weight: 1850 kg