

HUAWEI TP3106-70

Ultimate HD Telepresence, Immersive Experience and Ease of Use.



HUAWEI TP3106-70 is a new Immersive Telepresence with more powerful codec, 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 TP3106-70 offers real-life telepresence experience at lower bandwidth by VME(Video Motion Enhancement) and H.264 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 TP3106-70 brings you the perfect telepresence experience.

Ease of Use

With an innovative and trendy touch screen GUI (Graphical User Interface), HUAWEI TP3106-70 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 SEC (super error concealment) and H.264 SVC (scalable video coding) technology, HUAWEI TP3106-70 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 TP3106-70 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 TP3106-70 Key Features

Video Quality	High Definition Standard-based 1920 x 1080 - 60 fps 1280 x 720 - 60 fps
Content Quality	1920 x 1080 -60 fps
HD Displays	 3 Video, 3 Data
HD Cameras	Panoramic Camera camera 
Hi-Fi Audio	6 MIC 

HUAWEI TP3106-70 Specifications

System Components		
Telepresence Codec TE80		
Telepresence Camera		
70" 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: IPv6/IPv4, TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP		
Video Standards and Protocols		
H.263/H263+, H.264 BP, H264 HP, H.264 SVC		
H.239, BFCP		
Bandwidth requirements		
Frame	Minimum	Recommended
720p 30fps	2.3 Mbps	3 Mbps
720p 60fps	3 Mbps	4.5 Mbps
1080p 30fps	3 Mbps	4.5 Mbps
1080p 60fps	6 Mbps	9 Mbps
People Video Resolution		
1080p 50/60fps, 1080p 25/30fps, 1080i 50/60fps, 720p 50/60fps, 720p 25/30fps, 4CIF/4SIF, 2CIF/2SIF, CIF/SIF		
Content Video Resolution		
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 x1050), 1600 x 900, 1600 x 1200, 1680 x 1050, 1080p (1920 x 1080), 1920 x 1200		
Support for multiple dual Live stream mode:		
<ul style="list-style-type: none">• 1080p (50/60 fps) and 1080p (50/60 fps)• 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		
Panoramic Camera		
1080p 50/60		
2/3-inch CMOS		

User Interface	
Languages: Simplified Chinese, Traditional Chinese, English, Spanish, French, Portuguese, Arabic, Thai, Russian, Japanese	
Control mode: 10" touch panel, 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	
SNP traversal between the public network and private	
Special Features	
Active caption	
Group function	
SiteCall	
Chair Site Set CP	
Call record	
Intelligent rate control (IRC)	
Super error concealment (SEC)	
Local conference capability up to 10 people	
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	
Power Supply & Power Consumption	
Working voltage: 100 - 240 VAC	
Working frequency: 50 - 60 Hz	
Power consumption: < 1590 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: > 300 lux	
Physical Characteristics	
Dimensions (H x W x D): 6'1" x 18'10" x 9'11" feet (1850mm x 5800mm x 3040mm)	
Weight: < 1985 lb (900 kg)	