

# HUAWEI MAX PRESENCE



The world's first HUAWEI MAX PRESENCE brings a cinema-quality, face-to-face video experience in an ultra-wide panoramic display to large-sized conference rooms. It seamlessly integrates video conferencing with surveillance video and data transfer for collaborative decision making and provides a high-impact environment for special events and meetings.

## **Boundless Vision: the world's first HUAWEI MAX PRESENCE , ultra-wide, full-depth display, cinema-like immersive experience**

Huawei's patented panoramic camera captures and processes panoramic video with infinite depth-of-field imaging for a cinema-quality, immersive telepresence experience.

HUAWEI MAX PRESENCE includes ten sections (2 x 5) of 70-inch seamless display screens for large-sized conference rooms.

## **Multi-service integration: combining conferencing, surveillance and data, and seamless and stackable screen expansion**

HUAWEI MAX PRESENCE delivers a complete panoramic video conferencing experience with the perfect fusion of video conferencing, surveillance, and data. It integrates surveillance and data signals and transmits them to remote sites for information sharing, providing a global view of live events and enabling users to communicate clearly and effectively.

As a quintessential information center, HUAWEI MAX PRESENCE can be deployed in a variety of scenarios, such as telecommand, safe city, intelligent transportation, teleclassroom, telemedicine, administrative conferencing, presentation centers and many more, offering a smarter information platform and forum for industry solutions.

Customers can add display screens to include even more sites and enhance information sharing.

## **Multi-to-one Engine: the industry's first three-in-one panoramic camera and most powerful multi-to-one Telepresence engine**

With Huawei-patented co-optical panoramic seamless imaging and image-splicing technology, HUAWEI MAX PRESENCE leads the industry in 3-in-1 panoramic cameras.

As the industry's most powerful multi-in-one telepresence engine, HUAWEI MAX PRESENCE combines smaller volume and higher performance with greater interoperability.

The three 1080p 60 fps HD video streams and 1080p 60 fps content-sharing stream coding deliver superior video and content fluency.

Support for H.264 HP and Huawei's patented Video Motion Enhancement (VME2.0) technology makes use of ultra-low bandwidth for a minimum of 1080p 30 fps @ 3M. H. 264 Scalable Video Coding (SVC) and SEC (Huawei's patented super-error concealment) technology enables smooth video streaming even when network packet loss reaches 20%.

HUAWEI MAX PRESENCE supports IPv4/IPv6 network protocols for easy network expansion and upgrade.

## **Flexible display modes meet the needs of multiple scenarios and applications**

More intimate than an in-person conference

In reporting mode, HUAWEI MAX PRESENCE focuses in on the spokesperson for clearer close-ups in the full HD ultra-wide display, enabling participants to concentrate on the speaker.

More lifelike than face-to-face communication

In the panoramic discussion mode, HUAWEI MAX PRESENCE stages a complete panoramic presence site with full ultra-wide displays, delivering an enhanced communications experience that feels more lifelike than face-to-face communication, adding excitement and efficiency to the live communication experience.

Better viewing than in-person conferencing

In the full system mode, each screen displays one site for multi-party conferences, which allows participants to browse each site for a global view of all sites.

Smarter collaboration, consultation, and decision making

In the emergency command mode, HUAWEI MAX PRESENCE not only integrates the video conference with surveillance and data signals, it also schedules surveillance videos and data displays to assist video consultation, helping smart decision making with a global view of events and data.

# HUAWEI MAX PRESENCE Specifications

## System Components

HUAWEI MAX PRESENCE core system: panoramic camera system, core codec system, and intelligent central control system

HUAWEI MAX PRESENCE display system (optional): 10 sections (2 x 5) of 70-inch display screens

## Standard & Protocols

Standards and Protocols: ITU-T H.323, IETF SIP

Video Standards: H.263/H263+, H.264 BP, H.264 HP, H.264 SVC

Audio Standards: AAC-LD, G.722, G.711, G.728

Video Resolution: 1080p 50/60 fps, 1080p 25/30 fps, 1080i 50/60 fps, 720p 50/60 fps, 720p 25/30 fps, 4CIF/4SIF, 2CIF/2SIF, CIF/SIF

Dual Protocols: H.239, BFCP

Other Standards: H.225, H.233, H.235, H.241, H.245, H.281, H.283, H.350, H.460, T.140

Network Standards: IPv6/IPv4, TCP/IP, FTPS, DHCP, SNMP, HTTP, HTTPS, Telnet, SSH, PPPoE, RTP, RTCP

LAN Interface: IEEE 802.3/u

## Line and Bandwidth Requirements

Line Type	IP		
	Frame	Minimum	Recommended
Bandwidth Requirements	720p 30 fps	2.3 Mbps	3 Mbps
	720p 60 fps	3 Mbps	4.5 Mbps
	1080p 30 fps	3 Mbps	4.5 Mbps
	1080p 60 fps	6 Mbps	9 Mbps

## Screen Parameters

Display Screen	Quantity: 2 x 5 Size: 70 inches Resolution: 1,920 x 1,080
Touch Panel	Size: 10 inches

## Environmental Specifications

Temperature	0°C to 40°C (operating) -20°C to +60°C (non-operating)
Relative Humidity	20% to 80%
Ambient Noise	< 40 dBA SPL
Recommended Illuminance	300 lux (face illuminance)
Minimum Space Requirement (H x W x D)	3,000 mm x 7,800 mm x 15,000 mm
Recommended Space Requirement (H x W x D)	3,200 mm x 13,000 mm x 17,200 mm