

HUAWEI VPT300

Intelligent Tracking Video Camera

Huawei VPT300 is an intelligent tracking appliance that is equipped with two HD VPC600 video cameras. Using professional voice positioning and image analysis technologies, Huawei VPT300 enables automatic tracking shooting of speakers and intelligent image adjustment without manual intervention. With Huawei VPT300, users can engage in more efficient meetings and have better video communication experience.



Automatic voice tracking and image recognition

- Based on real-time voice detection from an embedded microphone array, the VPT300 can capture close-up views of each speaker in a video conference.
- Built in dual-camera system, simulate the human eye to capture three-dimensional, depth, magnification and other information for more accurate positioning.
- Using video from the VPT300, Huawei videoconferencing systems can display panoramic images and close-up views of speakers simultaneously in two panes on the screen.



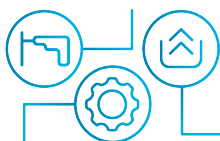
Intelligent facial detection, adaptive panoramic image capture

- Intelligent face and body position detection enable the VPT300 to automatically zoom in and position speakers correctly in the video frame.
- Intelligent motion detection identifies the movement of meeting participants.
- Based on the distribution of participants in the room, the VPT300 automatically adjusts the camera to optimize panoramic images.



Person-to-Person (P2P) mode, displaying two speakers in two panes

- The VPT300 automatically recognizes dual-speaker conferences and displays participants in two panes on the screen.
- Versatile capture modes include auto-tracking, panoramic video, and manual settings.
- Panorama and close-up images automatically switch in auto-tracking mode.
- Users can customize the sensitivity of image switching in auto tracking and panoramic modes.



Easy deployment, simple maintenance

- Installation is simple: Just attach the cameras to the pedestal.
- Get system upgrades via a PC or endpoint, or get batch upgrades via the Internet.
- The VPT300 provides a 3G-SDI port that allows video transmission over long distances.

HUAWEI VPT300 Technical Specifications

Components

1×VPT300 (built-in dual-camera system, microphone array), 2×VPC600 cameras, auxiliary cables, power adapter, and wall-mounted bracket (optional)

VPC600 Camera

Lens	2.38 megapixels, 1/2.8-inch CMOS imaging chip
Zoom	12x optical plus 12x digital
Lens aperture (F#)	F1.8
Focal Length	3.9 mm to 46.8 mm
Maximum Horizontal/ Vertical Field of View	72°/44.5°
Pan/Tilt range	+/-100° (Pan), +/- 30° (Tilt)
Pan/Tilt speed	Minimum pan and tilt: 2°/s Maximum pan: 80°/s, Maximum tilt: 25°/s
Min. illumination	2 lux (50 IRE, F1.8)
Shutter speed	1/25 to 1/10,000 second

Tracking Mode

Auto Tracking	Automatically track and capture close-up views of each speaker with intelligent transitions between panoramic images and close-ups
Panoramic Tracking	Adjust the panoramic views according to the speakers' location and the number of people in the room
Manual Tracking	Manually control cameras to capture images

Tracking Range

Tracking distance	Maximum range: 10m
Horizontal range	140°

Operation and Maintenance

Configuration	Configure via web page of connected endpoint or through Telnet
Software upgrade	Perform local upgrades, remote upgrades, and upgrades of the VPT300 and its connected cameras via HD endpoints

Power Supply

Input voltage	100V to 240V AC, 50/60 Hz
Working voltage	19V DC
Power consumption	Average power: 26W, Maximum power: 35W (not include two cameras) Average power: 61W, Maximum power: 88W (include two cameras)

Physical Features

Ambient temperature	0 C to 40 C (working state)
Dimensions (length x width x height)	Camera dimensions: 530 mm x 170 mm x 418 mm (vertical MIC array included) Package dimensions: 375 mm x 230 mm x 215 mm
Weight	Net weight: 6.2 kg (include two cameras) Gross weight: 10.5 kg (include two cameras)

Hardware Interfaces

Video input	2 x HD-VI
Video output	1 x HD-VI 1 x 3G-SDI (up to 1080p60)
Audio input	1×3.5mm
Audio output	1×3.5mm
Network port	1 x 10/100/1,000M
Other interfaces	1 x COM (RJ45) Power interface