

HUAWEI VPC600/VPC620

1080p @ 50/60 fps HD Video Camera



In order to meet increasing customer demand for high quality video and audio conferencing solutions, Huawei has developed the VPC600/VPC620 HD PTZ video camera, supporting full HD video at up to 1080P @ 50/60 fps with hi-fi audio. Coupled with Huawei's high performance video conferencing systems, it delivers clear, crisp images, capturing every nuance in perfect detail.

Elegant, Stylish Design

Inspired by world-renowned Frog Design, its contemporary, sleek design makes a stylish addition to any corporate boardroom, conference room, or office.

Streamlined Usability

Designed for ease of use and simplicity, the VPC600/VPC620 HD PTZ incorporates an on-board LCD interface combined with user selectable switch presets, supporting a wide variety of image formats.

Superior Image Quality

A 2-megapixel HD CMOS sensor powers the VPC600/VPC620 HD PTZ, delivering HD images up to 1080p @ 50/60 fps. Huawei has also incorporated industry-leading advances in motion-based 3D noise reduction algorithms, based on research in human vision dynamics, which creates more accurate, vivid, and realistic images. Three user selectable image modes guarantee high performance and an optimized, dynamic visual experience.

3-In-1 Automatic Image Adjustment

To further simplify usability and improve image quality, the VPC600/VPC620 supports full automation of three key features: AWB (Automatic White Balance), AE (Auto Exposure), and AF (Auto Focus). This capability delivers a fully automated, user-friendly device, always delivering the best possible image quality.

High-Performance, Noise Free Pan/Tilt/Zoom

The VPC600/VPC620 HD PTZ features highly responsive PTZ servos delivering fast tracking, and precise positioning with a wide range of shooting angles. Its innovative design ensures that no noise is generated, even during fast movement

Autofocus, Wide Angle 12x Optical Zoom

The VPC600/VPC620 features a fast, stable AF lens with up to 12x optical zoom, maintaining high-quality images at a distance.

Remote IR Receiver

The IR receiver feature is supported by a convenient remote control, which can be discretely placed anywhere in the room.

User Configurable with 20 Selectable Presets

The VPC600/VPC620 can be configured to memorize up to 20 presets, such as PTZ, focus, and backlight compensation. This feature enables quick selection of the most appropriate configuration for your conference needs.

3G-SDI Interface Supports Long Distance Placement(Only for VPC620)

By supporting the 3G-SDI standard, the VPC620 HD PTZ can be placed up to 60 feet away from its target conferencing system, delivering maximum deployment flexibility.

HUAWEI VPC600/VPC620 Specifications

Model	
Model	HUAWEI VPC600 HUAWEI VPC620-12X HUAWEI VPC620-4X
Lens	
Lens specifications	2-megapixel and 1/3-inch CMOS imaging chip
Video output pixels	1080p 50/60, 1080i 50/60, 1080p 25/30, 720p 50/60
Video	
Zoom	HUAWEI VPC600/VPC620-12X: 12x optical plus 4x digital HUAWEI VPC620-4X: 4x optical plus 2.5x digital
Focal length	HUAWEI VPC600/VPC620-12X: f = 3.9 mm to 46.8 mm HUAWEI VPC620-4X: f = 3.9 mm to 15.6 mm
Lens aperture (F#)	F1.8
Maximum horizontal field of view	72°
Maximum Vertical field of view	44.5°
Pan/Tilt range	Pan: +/-100° Tilt: +/-30°
Pan/Tilt speed	Minimum pan and tilt: 2°/s Maximum pan: 80°/s, 25°/s tilt
Min. illumination	2 lux (50 IRE, F1.8)
Signal Noise Ratio (SNR)	59dB
Shutter speed	1/25~1/10000 seconds
White balance (WB)	Automatic and manual
Number of preset positions	20
Image Mode	
Image mode	Standard, bright, warm
Automatic adjustment	
Auto White Balance (AWB), Auto Exposure (AE), Auto Focus (AF)	
Special functions	
Inversion support, IR receiver, Software update locally and remotely	
Power supply and power	
Input voltage	100-240V AC 50-60Hz
Working frequency	12V DC
Power	< 20W
Physical characteristics	
Ambient temperature	0°C to 40°C
Dimensions (length×width×height)	Camera dimensions: 234mm×163mm×157mm Package dimensions: 395mm×225mm×225mm
Weight	Net weight: about 1.5 kg Gross weight: about 2.5 kg

Hardware interface specifications

Interface Type	Quantity and Description	Standard Compliance
Video output	1x HD-VI (DVI & YPbPr)	DVI1.0/YPbPr
	1x 3G-SDI(Only for VPC620)	SMPTE-424M
Communication control input	1xRS-232C	EIA-232-B