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iCam WHD 1080 12X USB_EN

PeopleLink iCam WHD 1080 are cameras for board rooms offering easy connectivity with laptops/PC through USB ports. The Pan/tilt features present in the devices allow a wider angle coverage. HD video quality with real time, face-to-face experience through the powerful 12x optical zoom some more unique offering of these cameras. They can also adjust the brightness automatically according to the lighting condition of the room ensuring clear video.

HD

True HD 1080p @ 60 FPS: This camera offers recordings with very vivid clarity (True HD) at a resolution of 1080p @ 60 frames per second (FPS)



12x optical zoom: Optical zoom is a true zoom lens that produces much better-quality images than digital zoom which performs in-camera image processing



FOV 72.5° degree: The camera has a wide field of view (FOV), the area covered by the camera, of 72.5° degrees



Pan tilt zoom: Pan-tilt-zoom (PTZ) type of cameras enable the user to control the movement and position of the lens. Panning refers to the lens's horizontal movement while tilting describes its vertical movement



IR remote controllable: Remotes with infrared light can be used to reliably control this camera



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RS- 232 : RS - 232 / VISCA to control the PTZ functions of the camera remotely

Applications

- "Area of application: Board room
- Capacity: 30 to 60 seater
- Shape of the room: Rectangular
- Bright / Dark room: Auto brightness adjustment



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Specifications

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GENERAL FEATURES

Sensor type	1/2.7 CMOS sensor	Storage	
Iris	Auto/Manual	Temperature	-40° C ~ + 60° C
Lens		Frames per Second	60fps
Resolution	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25	Illumination	0.5 Lux @ (F1.8, AGC ON)
Optical Zoom	12x	S/N Ratio	>= 55 dB
Digital Zoom	12x	Dimensions	128.5 x 118 x 156.2 mm
Effective Pixels	2.07 Megapixel	Color	Gray,black
Pan Angle	-170° to + 170°	Mount	Wall mount/Ceiling mount
Tilt Angle	-30° to + 90°	Cable	3mtr USB 3.0 cable, Visca to RS232 control cable
Field of View	72.5°	Presets	128 Nos
Auto Focus	Auto/Manual	PTZ Control Protocol	Sony VISCA and PELCO P/D
Wide Angle (Horizontal view angle)	72.5° ~ 6.9°	Gain Control	Auto
Video Outputs	USB 3.0	Back-light Compensation	Auto/Manual
Remote Control	Yes	Weight	0.91 Kg
White Balance	Auto/Manual	Power	DC 12V, 1A
Exposure	Auto / Manual/SAE/AAE/Bright	Applications	boardrooms, center of learning, mission critical operation center, medical care units and court rooms
Pan Speed	1.7° ~ 100°/s	Operating System Requirements	Windows® 7, Windows 8.1 or 10 Mac® OS X 10.10 or higher
Tilt Speed	1.7° ~ 69.9°/s	Compatibility	Universal USB compatibility
Operating Temperature	-10° C ~ + 40° C		

IMAGE SENSOR

Minimum Scene Illumination	0.5 Lux @ (F1.8, AGC ON)	Scanning Mode	Progressive
Effective Pixel	2.07 Megapixel	Audio on USB	Support
Video S/N Ratio	>= 55 dB	Exposure	Auto
Color Compression	YUV 4:2:2 / H.264 / MJPEG	Electronic Shutter	Auto / Manual

OTHER SPECIFICATIONS

Video Output Port	USB 3.0	OSD Menu	Access to OSD Menu and adjust camera module parameters
Video Format	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25	Image Auto Flip	Support Horizontal / Vertical image flip
Control port Communication	RS232 / RS485	Auto Pan Scan	Yes
Control Protocol	VISCA/PELCO	MTBF	>30000h
Baud Rate	9600	Environmental Humidity	0-95% RH
Preset Position	128	Remote Control	IR Wireless Remote controller P/T/Z
Power Consumption	12W	Ports	1 xUSB 3.0,1 x DC Power,1 x RS 232
		RS232/RS485	Yes

LENS

Presets	128
Vertical Angle of View	44.8°
H & V Flip	Support
Image Freeze	Support
Preset Accuracy	0.1°

PACKAGING INFORMATION

Contents	Camera, Power Adapter, IR remote, USB 3.0 Cable, User Manual and Serial to Visca cable.
Ordering Information	PeopleLink iCam WHD 1080 USB: PPU-PVC-PC3-108P-12X

APPLICATION

Room type	Board Room	Shape of the room	Rectangular
Capacity	30 to 60 seater	Bright/dark room	Auto Brightness adjustment

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