



Video Conferencing Camera for Conference Room

AdvanceTech India Video Conferencing 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.



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



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



Specifications

Video Conferencing Camera

GENERAL SPECIFICATIONS

Camera

Video System	: 1080p/60, 720p/60
Sensor	: 1/2.8", CMOS, Effective Pixel:
Scanning Mode	: 2.07M Progressive
Lens	: 12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	: 16x
Minimal Illumination	: 0.5 Lux @ (F1.8, AGC ON)
Shutter	: Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	: support
Digital Noise Reduction	: 2D&3D Digital Noise Reduction
Video S/N	: ≥55dB

GENERAL SPECIFICATIONS

Camera

Horizontal Angle of View	: 72.5° ~ 6.9°
Vertical Angle of View	: 44.8° ~ 3.9°
Horizontal Rotation Range	: ±170°
Vertical Rotation Range	: -30° ~ +30°
Pan Speed Range	: 1.7° ~ 100°/s
Tilt Speed Range	: 0.7° ~ 28°/s
H & V Flip	: Support
Image Freeze	: Support
Number of Preset	: 255
Preset Accuracy	: 0.1°

USB Features

Operate	: Windows 7, Windows 8, Windows 10 Mac OS X, Linux
System Color	: YUV 4:2:2 / H.264 / MJPEG
System / Compression	USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Video Format	: USB2.0: 1080p/30, 1080p/25, 1080p/15, 1080p/10, 720p/30, 720p/25, 960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50
Audio on USB	: Support
USB Video Communication Protocol	: UVC 1.0 ~ UVC 1.5
UVC PTZ	: Support

Input/Output Interface

USB Interface	: 1xUSB3.0: Type B female jack
Audio Interface	: 1-ch: 3.5mm Audio Interface, Line In
Communication Interface	: 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only 1xRS485: Share with RS232 Out, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	: JEITA type (DC IN 12V)

GENERAL SPECIFICATIONS

Generic Specifications

Input Voltage	: DC 12V
Current Consumption	: 1.0A (Max)
Operating Temperature	: -10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	: -40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	: 12W (Max)
MTBF	: >30000h
Size	: 128.5x118x156.2mm
Net Weight	: 0.91K g

Ordering Information

Contents

Camera, Power Adapter, IR remote, USB 3.0 Cable, User Manual and Serial to Visca cable.

AdvanceTech iCam WHD 1080

: PPU-PVC-PC3-108P-12X

USB Part code