



VHD-A910/VHD-A910S High Definition Video Conference Camera

Full HD, Full Performance, Wide angle of view

Main Features

- **Real High Definition Image**
Use 1/2.5 inch, high quality HD CMOS sensor, achieve 1920 x 1080 super high quality video
- **10x optical zoom**
Fast, accurate and stable auto focus lens, 10 x optical zoom: F1.8-2.2 mechanical shutter.
- **Wide range, high speed and low noise pan/tilt rotation**
Step motor driving, smooth rotation and user friendly without dithering. Moving to the appointed position quickly and accurately, meanwhile, shooting large area.
- **High definition multiple video output format**
Offer 1080i, 1080p, 720p format HD video, has YPbPr, HDMI, HD-SDI interfaces to support HD analog and digital video signals.
- **HD-SDI interface to support high quality video transmission**
With HD-SDI interface terminal (SMPTE292M), to support long distance, high quality of HD video transmission.
- **HD Multimedia Interface to support high quality video transmission**
With HDMI(High Definition Multimedia Interface), to support digital high definition video signal, which can directly connect to the high definition display device.
- **RS-232 remote controller (VISCA protocol)**
With RS-232C(VISCA protocol) interface, All setting of camera, pan/tilt/zoom can be remote controlled quickly.
- **10 preset position, preset pan, tilt, zoom, focus position, exposal mode and white balance.** Preset data never lost even power is off.
- **Multi-function remote controller**
- **With easy and convenient remote controller, to set the camera parameters and control pan/tilt/zoom.**



Technical Specifications

1.Rotate Specifications (VHD-A910/910S)

Pan Rotation	± 100°
Tilt Rotation	± 30°
Pan Control Speed	0.5~25° /sec
Tilt Control Speed	0.5~25° /sec
Preset Speed	25° /sec for pan; 25° /sec for tilt
Preset Position	Total 10 preset positions

2.Input/Output Interface (VHD-A910/910S)

CVBS SD Compound Video Output Interface:	RCA jack, 1Vp-p, 75 Ω non-balance (unavailable now)
HD Interface:	HD-SDI, HDMI, YPbPr
Control Signal Interface:	8 core mini DIN
Control Signal Format:	Start bit: 1; Data bit: 8; Stop bit: 1; Baud Rate: 9600bps
Power supply Interface:	HEC3800 power jack

3.Electrical Index (VHD-A910/910S)

Power Supply Adapter	DC12V/2A
Input voltage	DC12V(DC10.5~DC14V)
Power consumption	18W(max.)

4.Structure (VHD-A910/910S)

Material	Al-alloy, PC plastic
Weight	2KGs
Size (WXHXW)	210x143x140(mm)
Application	For indoor use
Storage Temperature	-10°C to +60°C
Working Temperature	0°C to +45°C
Camera body color	silver gray or black



5.Camera and lens Parameters

	VHD-A910-W	VHD-A910S-W	VHD-A910-B	VHD-A910S-B
Image Sensor	1/2.5 inch high quality HD CMOS Sensor			
Pixel	Dynamic Image: 4:3 390,000 effective pixel; 16:9 2,070,000 effective pixel			
	Static Image: 4:3 2,700,000 effective pixel; 16:9 2,100,000 effective pixel			
Video Signal	HD 1080p/30, HD 720p/30, HD 1080i/60, HD 720p/60			
Zoom	10x optical zoom, f=4.5~45.0mm, F1.8~2.2			
Wide angle lens	0.7x wide angle lens	None	0.7x wide angle lens	None
Angle of view	5.4° (farness) ~ 70° (nearness)	3.8° (farness) ~ 52° (nearness)	5.4° (farness) ~ 70° (nearness)	3.8° (farness) ~ 52° (nearness)
Minimum Lux	10LUX			
White Balance	Auto/ Sunlight/ Cloudy/ Darkness/ Fluorescence multi white balance mode			
Focus	Auto/ Manual			
Iris	Auto/ Manual			
Electronic Shutter	Auto			
BLC	Open/Close			
S/N Ratio	>50dB			

Order Model number

Model No.	Notes	Power supply	Color
VHD-A910-W	10x optical zoom, 0.7x wide angle lens, silver grey color	DC12V	silver grey
VHD-A910-B	10x optical zoom, 0.7x wide angle lens, black color	DC12V	Black
VHD-A910S-W	10x optical zoom, silver grey color	DC12V	silver grey
VHD-A910S-B	10 x optical zoom, black color	DC12V	Black

Model Explaination

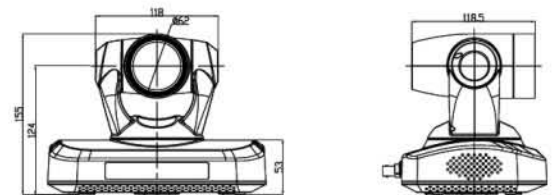


For example: VHD-A910-W means VHD-A910 series product, with wide angle lens, in silver grey color.

Application:

Video conference systems, Telemedicine systems, Tele-education systems and so on.

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Dimensional Drawing (unit: MM)