

UV1301A Full HD Box Camera

The UV1301A series camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. It supports H.264/H.264+ encoding which makes motion video fluent and clear even under low bandwidth conditions.



Key Features

- **Superb High-definition Image**
UV1201 employs 1/2.8 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60fps.
- **Low Noise and High SNR**
Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
- **Multi-Format Video Outputs**
Multiple interfaces include: HDMI, 3G-SDI and LAN. The 3G-SDI is available for 100m transmission at 1080p60 format.
- **Multiple Video Compression**
Support H.264/H.264+ video compression; Support compression of resolution up to 1920x1080 with frame up to 60fps and 2 channels 1920x1080p with 30fps compression.
- **Multiple Network Protocol**
Supports ONVIF, GB/T28181, RTSP, RTMP protocols; RTMP push mode, easy to be connected to streaming server (Wowza, FMS); RTP multicast mode;
- **Multi-Applications**
Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

Order No.: UV1301A

Technical Specifications:

Model	UV1301A
Camera Parameter	
Sensor	1/2.8 inch high quality HD CMOS sensor
Effective Pixels	16: 9, 2.07 megapixel

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Video Format	1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25 /59.94/29.97
Aperture	Auto, DC drive
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K
Focus	Auto/Manual
Aperture	Auto/Manual
Electronic Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment
Video adjustment	Brightness,Color,Saturation,Contrast,Sharpness,B/W mode,Gamma curve
SNR	>55dB
Input/Output Interface	
Video Interfaces	3G-SDI
Image Code Stream	Dual stream output
Video Compression Format	H.264, H.265
Control Interface	RS485
Control Buttons	Up, Down, Left, Right, Ok buttons to call OSD settings
HD IP Interface	100M IP port (10/100BASE-TX)
Network Protocol	RTSP/RTMP, ONVIF, GB/T28181
Power Interface	DC12V
Other Parameter	
Power Adaptor	AC110V-AC220V to DC12V/1A, PoE
Input Voltage	DC12V±10%
Input Current	400mA(Max)
Consumption	4.8W (Max)
Store Temperature	-10℃ ~ +60℃
Store Humidity	20% - 95%
Working Temperature	-10℃ ~ +50℃
Working Humidity	20%--80%
Dimension	113.4mm×62.6mm×59.1mm
Weight	0.5KG
Application	Indoor
Remote Operation (IP)	Remote Upgrade, Reboot and Reset
Accessory	Power supply, User Manual, Brackets(optional)

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Dimension(unit:mm)

