



VLCAM230 series HD Video Conference Camera

Full HD, Wide View Angle, Multi-protocols, Multiple

The VLCAM230 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.265 encoding which makes motion video fluent and clear even under less than ideal bandwidth conditions.

Key Features

- **Superb High-definition Image**
VLCAM230 employs **1/2.8 inch** high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60fps.
- **Auto Focus Technology**
Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.
- **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.
- **Audio Input Interface (for future development)**
Support 16000,32000,44100,48000 sampling frequency and AAC,MP3,PCM audio coding.
- **Wide-range, Quiet and Quick Pan/Tilt Mechanism**
By adopting step driving motor mechanism, VLCAM130 camera works extremely quiet and moves smoothly .
- **Multiple Audio/Video Compression**
Support H.264/H.265 video compression;AAC, MP3 and PCM audio compression; Support compression of resolution up to 1920x1080 with frame up to 60fps and 2 channel 1920x1080p with 30fps compression.
- **Multiple Network Protocol**
Support **NDI**, ONVIF, RTSP, RTMP protocols and support RTMP push mode,easy to link streaming media server (Wowza,FMS)
- **RS-232 Cascade Function**
Support RS-232 cascade function which is convenient for installation.
- **Wide Application**
Tele-education,Lecture Capture,Webcasting, Videoconferencing,Tele-training,Tele-medicine, Interrogation and Emergency command systems.
- **Low-power Sleep Function**
Support low-power sleep/wake up, the consumption is lower than 400mW under sleep mode.

Technical Specification

Model	VLCAM230				
Camera Parameter					
Optical Zoom	12X f=3.9~46.1mm				
Sensor	1/2.8 inch high quality HD CMOS sensor				
Effective Pixels	16: 9, 2.07 megapixel				
Video Format	USB3.0 interface video format 1) 1920X1080P60/50/30/25; 1280X720P30/25/15/10 ; 960X540P30 ; 640X360P30 2) 960X540P30; 640X360P30; 1280X720P10/15; 720X576P30; 720X480P30 USB2.0 interface video format: 176x144/320x240/320x180/352x288/640x480/720x480/720x576/640x360 800X600/960X540/1024X576/1024X768/1280X720/1920X1080 P30/25/20/15/10/5				
View Angle	6.3°(tele)--72.5° (wide)				
AV	F1.8 – F2.4				
Digital Zoom	12X				
Minimum Illumination	0.5Lux (F1.8, AGC ON)				
DNR	2D & 3D DNR				
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K				
Focus/Aperture/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	USB3.0, LAN, RS232 (In & Out), A-IN				
Video Compression Format	H.264, H.265, Dual stream output				
Control Protocol	VISCA/Pelco-D/Pelco-P;Baud Rate:115200/9600/4800/2400bps				
Audio Input Interface	Double track 3.5mm linear input;				
Audio Compression Format	AAC/MP3/PCM Audio compression				
HD IP Interface	100M IP port(100BASE-TX); Support VISCA, NDI protocol control through IP port.				
Network Protocol	NDI , RTSP,RTMP,ONVIF,GB/T28181 (VLCAM130-U2 don't support ONVIF)				
Power Interface	HEC3800 outlet (DC12V)				
PTZ Parameter					
Pan/Tilt Rotation	±170°,-30°~+90°				
Pan Control Speed	0.1 -60°/sec				
Tilt Control Speed	0.1-30°/sec				
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec				
Preset Number	255 presets (10 presets by remote controller)				
Other Parameter					
Supply Adapter	AC110V-AC220V to DC12V/1.5A				
Dimension	150mmX150mmX167.5mm				
Weight	1.4KG				
Remote Operation (IP)	Remote Upgrade, Reboot and Reset				

Dimension(mm):

