

CAM2331

Full HD WDR Day&Night Network Camera



- Megapixel SONY Exmor Sensor
- Full HD & Real Time Network Camera
- Up to 1920 x 1080 Video Resolution
- H.264/MPEG4/MJPEG 2 Simultaneous Video Streams
- Surveon Video Intelligent Ready
- MicroSD/SDHC Local Storage for Alarm Capture
- Power over Ethernet (IEEE 802.3af)
- Support Day/Night IR-Cut Filter
- Built in Advanced ISP (WDR, HLC, 2D NR, DEFOG)



Product Specification

Camera	
Image Sensor	1/2.8" megapixel SONY Exmor CMOS
Lens	CAM2331: Changeable (CS/C mount) CAM2331P: 3.1-8mm P-Iris Lens, F1.2 (CS mount)
SNR	48dB
WDR	Yes
Day/Night ICR	Yes
IR LED	N/A
Min Illumination	0.005 Lux @ F1.2 (B/W) 0.05 Lux @ F1.2 (Color)
Iris Control	CAM2331: DC drive CAM2331P: P-Iris
Shutter time	1/30 ~ 1/50,000 s
Viewing Angle	CAM2331: N/A CAM2331P: Diagonal: 123.1°~ 48.3°, Horizontal: 105.4°~ 42.2°, Vertical: 57.9° ~ 23.8°
Camera Angle Adjustment	N/A
Pan/Tilt/Zoom Functionalities	N/A
Video	
Video Compression	H.264/MPEG-4/MJPEG
Resolution	Up to 1920 x 1080
Frame Rate	30 fps at 1080P (1920 x 1080) 30 fps at SXGA (1280 x 1024) 30 fps at HD720 (1280 x 720) 30 fps at D1 (720 x 480) 30 fps at VGA (640 x 480) 30 fps at QVGA (320 x 240)
Video Stream	Dual stream at H.264, MPEG-4, and MJPEG simultaneously
Bit Rate	64K ~ 10Mbps, VBR, CBR, controller frame rate and quality
Video Control	AGC (Auto Gain Control), AWB (Auto White Balance), AES (Auto Electronic Shutter), BLC (Back Light Compensation), HLC (High Light Compensation), 2D Noise Reduction, DEFOG, image adjustment
Intelligent video	Motion detection, tampering detection (blocked, redirected, defocused, or spray-painted)
Video Jack	Yes (BNC)
Audio	

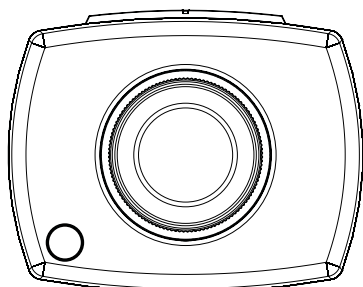
Built-in MIC	N/A
Audio Compression	16KHz, ADPCM/G.711
Audio Input/Output	3.5mm phone jack
I/O and Event Management	
Alarm In	1, terminal block
Alarm Out	1, terminal block
Video Buffer	5 second pre-alarm, 30 second post-alarm
Event Action	Send snapshot or video clip by FTP or email, record to NAS, record to local storage, trigger DO
Network	
Supported Protocols	IPv4, IPv6, ARP, TCP, UDP, ICMP, IGMP, DHCP, NTP, DDNS, SMTP, SNMP, FTP, HTTP, HTTPS, CIFS, PPPoE, UPnP, RTP, RTSP, RTCP, 3GPP
Ethernet	10/100 Base-T / RJ45
System	
Local Storage	microSD/SDHC x 1 (Class 4/Class 6 only)
RS-485	1 (2 pin on terminal block)
USB	N/A
SDK	Surveon SDK 2.0
Viewing System	
OS	Microsoft Windows XP/Vista/7
Browser	Microsoft IE 6.0 or above
Software	Surveon VMS 2.4.7
General	
Temperature	Operation: -10°C ~ 50°C (14°F ~ 122°F) Storage: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	5 to 90%
Power	12VDC 1.5A PoE (IEEE 802.3af) with Class 3
Power Consumption	Max. 7W
Dimension	74.95mm x 59.3mm x 153.5mm (2.95" x 2.34" x 6.04")
Weight	Net: 435g (0.96 lb) Gross: 1085g (2.4 lb)
Certification	Safety: LVD EMC: FCC, CE, GOST, KCC
Warranty	3 years

CAM2331

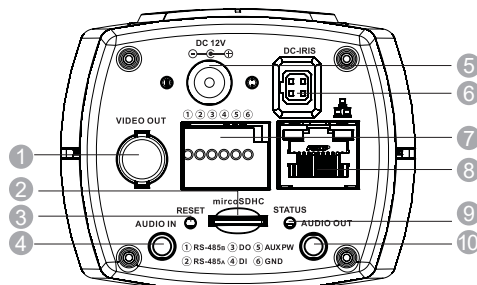
Full HD Low Light Day&Night
Network Camera

Part Names and Functions

Front View



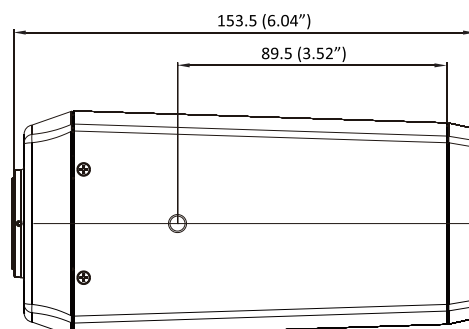
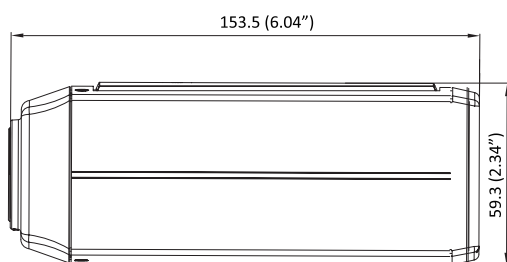
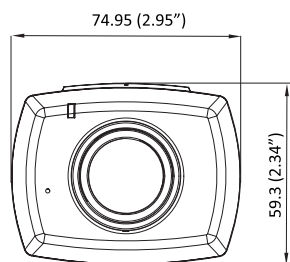
Rear View



- 1 Video out
- 2 microSDHC slots
- 3 Reset button
- 4 Audio in
- 5 Power connector
- 6 DC-Iris/P-Iris connector
- 7 I/O terminal connectors
- 8 Network connector
- 9 Status indicator
- 10 Audio out

Appearance

Unit:mm(inches)



Package Content

Contents	Quantity
Quick Installation Guide	1
Product DVD	1
CAM2331/CAM2331P	1
Camera Stand	1
Decoration Ring	1
L Type Hexagon Spanner	1

Optional Accessories

Part Number	Description
ZPWR18W-0030	Power Adapter, 12VDC, 1.5A; 18W
YBPICC0001G0	PoE Injector, 15.4W, 10/100M
ZBracketS2-0010	Camera Long Stand for Box Camera, White
ZBracketS2-0050	Camera Long Stand for Box Camera, Silver
ZHousing-0010	IP66 Top Open IK10 Vandal Proof Box Camera Housing
ZHousing50M-0010	IP66 Top Open IK10 Vandal Proof Box Camera Housing with 50M IR LED

Ordering Information

Part Number	Description
CAM2331-0015	Full HD Low Light day&night network camera w/o lens
CAM2331P-0055	Full HD P-Iris day&night network camera with P-Iris lens

Lens Options

Part Number	Description
YB0LJ16G01G0	1/2.7", f3.0-10.5mm/F1.4, DC-iris, CS Mount Lens
YB0LCB6C01G0	1/2.7", f3.1~8mm/F1.2, DC-iris, CS Mount Lens