

# CAM3471MP/V

## 3 Megapixel Real Time HDR Day&Night Bullet Network Camera



- Megapixel Progressive Scan Sensor
- Up to 2048x1536 30FPS & 1920x1080 60FPS\*
- H.264/MPEG4/MJPEG 2 Simultaneous Video Streams
- Surveon Video Intelligent Ready
- Advanced ISP Function (HDR, Luminance Control, 2D/3D De-noise, Edge Enhancement, Lens Correction)
- PoE (IEEE 802.3af) and Day/Night IR-Cut Filter
- Built-in IR Illuminators, Effective Up to 30 Meters
- IP66 and Wide Temperature for Outdoor Application
- 3X Optical Zoom with Auto Focus (CAM3471MP)



### Product Specification

Camera	
Image sensor	1/3" megapixel progressive scan CMOS
Lens	3471V: 2.8 - 12 mm varifocal lens, F1.4 3471MP: 3 - 9 mm auto focus lens, F1.2
SNR	48dB
WDR	Yes (HDR, 100 dB)
Day/Night ICR	Yes
IR LED	Yes (Max. 30M on limited shutter)
Min illumination	0.01 Lux @ F1.2 (B/W) 0.1 Lux @ F1.2 (Color)
Iris control	3471V: DC drive 3471MP: P-Iris
Shutter time	1/1 ~ 1/1,000,000 s
Viewing angle	3471V: Diagonal: 116° ~ 36° Horizontal: 91° ~ 28° Vertical: 74.7° ~ 21.2° 3471MP: Diagonal: 128.2° ~ 39.7° Horizontal: 96.4° ~ 31.7° Vertical: 69.6° ~ 23.7°
Camera angle adjustment	N/A
Pan/tilt/zoom functionalities	N/A
Video	
Video compression	H.264/MPEG-4/MJPEG
Resolution	Up to 2048 x 1536
Frame rate	30 fps at QXGA (2048 x 1536)* 60 fps at 1080P (1920 x 1080)* 60 fps at SXGA (1280 x 1024) 60 fps at 720P (1280 x 720) 60 fps at D1 (720 x 480) 60 fps at VGA (640 x 480) 60 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), Luminance Control, HDR, 2D/3D De-noise, ROI, Edge Enhancement, Lens Correction, image adjustment
Intelligent video	Motion detection, tampering detection (blocked, redirected, defocused, or spray-painted)

Video jack	Yes (BNC, 3471V)
Audio	
Built-in MIC	N/A
Audio compression	16KHz, ADPCM/G.711
Audio input/output	3.5mm phone jack (optional)
I/O and Event Management	
Alarm in	1, terminal block (optional)
Alarm out	1, terminal block (optional)
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, ONVIF
Ethernet	10/100 Base-T / RJ45
System	
Local storage	microSD/SDHC x 1 (Class 4/Class 6 only)
RS-485	N/A
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 2.5
General	
Temperature	Operation: -40°C ~ 50°C (-40°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. 9W (w/o Heater) Max. 15.4W (w/ Heater & PoE 802.3af)
Dimension	105mm x 218.8mm x 191.41mm (3.44" x 7.18" x 6.28")
Weight	Net: 1,400g (3.09lb.) Gross: 2,170g (4.8lb.)
Certification	Safety: LVD/EMC: FCC, CE, GOST, IP66
Warranty	3 years

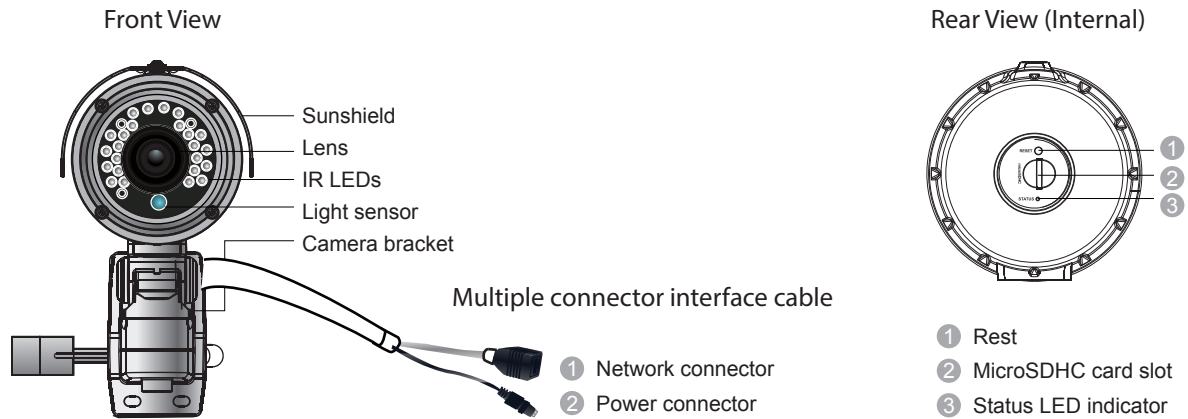
\* Connected with Surveon NVR/VMS series only.

\* All specifications are subject to change without notice.  
\* All brand names and registered trademarks are the property of their respective owners.

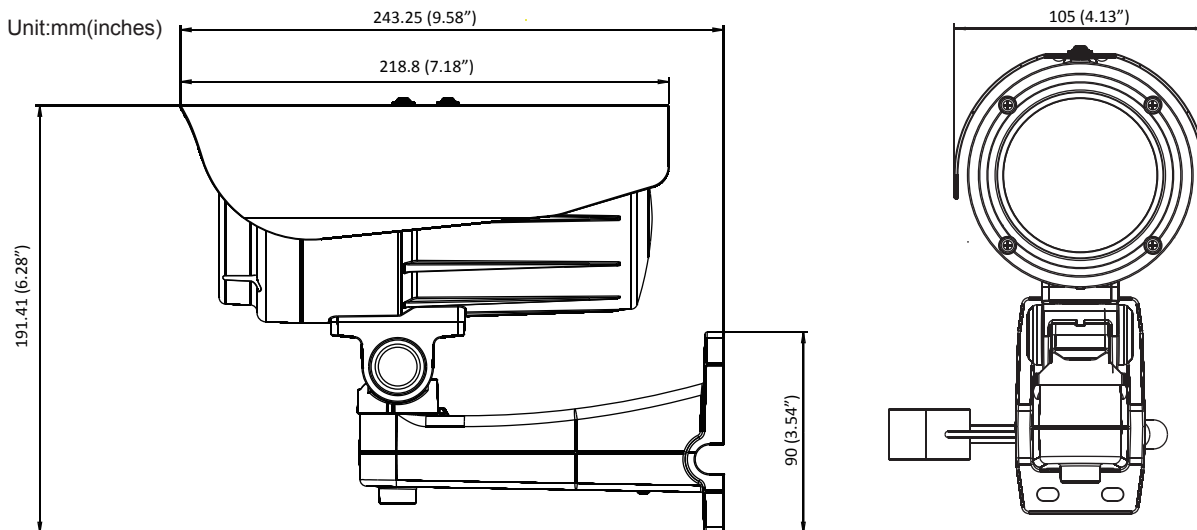
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3 Megapixel Real Time HDR  
Day&Night Bullet Network Camera

## Part Names and Functions



## Appearance



## Package Content

Contents	Quantity
Quick Installation Guide	1
Product DVD	1
CAM3471MP/CAM3471V	1
Camera Bracket	1
Screw Hole Indicator Sticker	1
Anchors and Mounting Screws	4
L Type Hexagon Spanner	1

## Ordering Information

Part Number	Description
CAM3471V-0015	3 megapixel HDR day&night outdoor bullet network camera with varifocal lens
CAM3471M-0015	3 megapixel Auto Focus day&night outdoor bullet network camera with motorized lens

## Optional Accessories

Part Number	Description
ZPWR18W-0030	Power Adapter, 12VDC, 1.5A; 18W
YBPIC0001G0	PoE Injector, 15.4W, 10/100M