

# CAM4471HEM/HEV

## 3 Megapixel Real Time HDR Day&Night Fixed Dome Network Camera



- 3 Megapixel Progressive Scan Sensor
- Up to 2048x1536 30FPS & 1920x1080 60FPS
- H.264/MPEG4/MJPEG Four Simultaneous Video Streams
- Support Surveon Video Intelligence
- Advanced ISP Function (HDR, ROI, 2D/3D De-noise, Edge Enhancement)
- PoE (IEEE 802.3af) and Day/Night IR-Cut Filter
- P-iris & 3x Zoom Auto Focus
- Built-in IR Illuminators, Effective Up to 30 Meters
- IP66, Wide Temperature, and Vandal Proof for Outdoor Application



### Product Specification

Camera	
Image sensor	1/3" megapixel progressive scan CMOS
Lens	4471HEV: f3-10.5 mm varifocal lens, F1.4 4471HEM: f3-10.5 mm auto focus lens, F1.4
SNR	50dB
WDR	Yes (HDR, 120 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) 0 lux with IR illumination on
Iris control	P-Iris
Shutter time	1/1 ~ 1/10,000 s
Viewing angle	DIAGONAL: 130° ~ 38° HORIZONTAL: 108° ~ 32° VERTICAL: 58° ~ 18°
Camera angle adjustment	Pan 0° ~340° Tilt 30° ~90°
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	Four streams at H.264, MPEG-4, and MJPEG simultaneously
Bit rate	32K ~ 20Mbps, 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), HDR, 2D/3D De-noise, ROI, Edge Enhancement, image adjustment
Intelligent video	Motion detection, tampering detection (blocked, redirected, defocused, or spray-painted)
Video jack	Yes (BNC, 4471HEV)

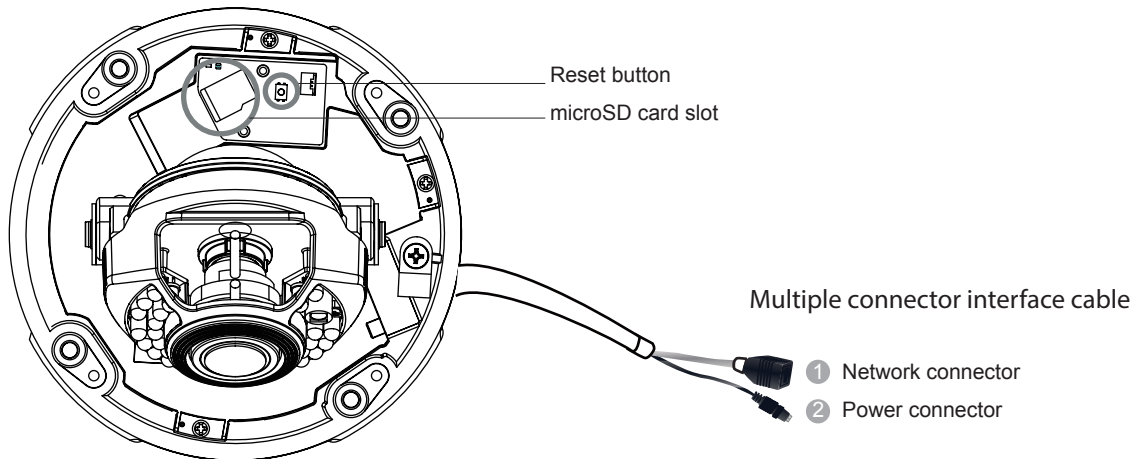
Audio	
Built-in MIC	N/A
Audio compression	16KHz, ADPCM/G.711
Audio input/output	3.5mm phone jack (optional)
I/O and Event Management	
Alarm in	1, terminal block (optional)
Alarm out	1, terminal block (optional)
Video buffer	5 second pre-alarm, 30 second post-alarm
Event action	Send snapshot or video 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 Profile S, iSCSI
Ethernet	10/100 Base-T / RJ45
System	
Local storage	microSD/SDHC x 1
RS-485	N/A
USB	N/A
SDK	Surveon SDK 2.0
Viewing System	
OS	Microsoft Windows 7/8
Browser	IE 8.x or above, Safari, Chrome (via IE Tab)
Software	Surveon VMS 2.5
General	
Temperature	Operation: -40°C~ 50°C (-40°F~122°F)
Humidity	5 to 90%
Power	12VDC 1.5A ; PoE (IEEE 802.3af ) with Class 3
Power consumption	Max. 9W (w/o Heater) Max. 27W (w/ Heater & DC Power)
Dimension	ø144mm x 116mm (H) ø5.67" x 4.57"(H)
Weight	Net: 1,260g (2.78lb.) Gross: 1,930g (4.27lb.)
Certification	Safety: LVD EMC: FCC, CE, IP66, IK10
Warranty	3 years

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

# CAM4471HEM/HEV

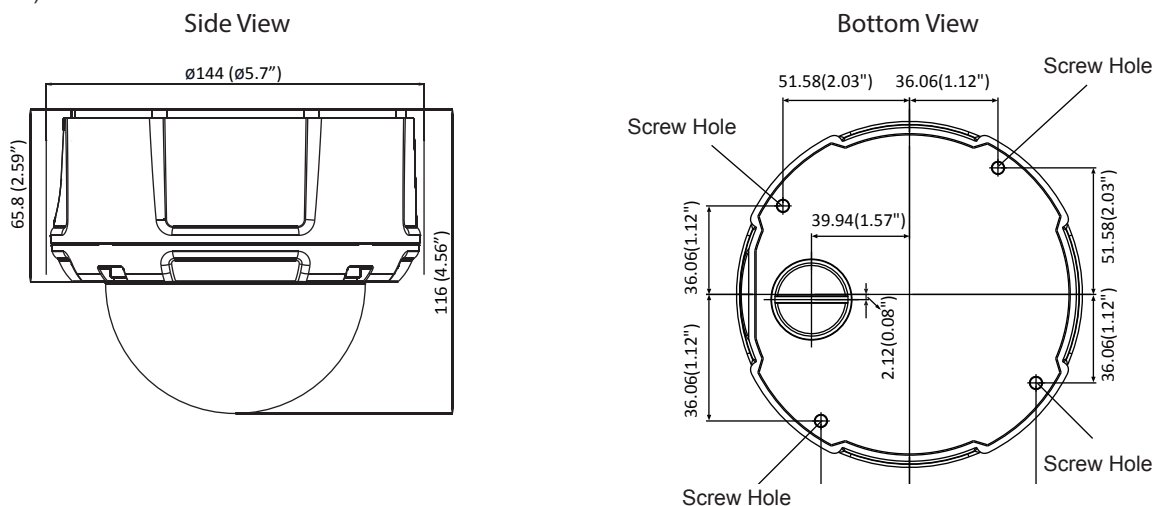
3 Megapixel Real Time HDR Day&Night Fixed Dome Network Camera

## Part Names and Functions



## Appearance

Unit:mm(inches)



## Package Content

Contents	Quantity
Quick Installation Guide	1
Product DVD	1
CAM4471HEV/CAM4471HEM	1
Screw Hole Indicator Sticker	1
Anchors and Mounting Screws	4
L Type Hexagon Spanner	1

## Ordering Information

Part Number	Description
CAM4471HEV-3-0015	3 megapixel HDR day&night outdoor fixed dome network camera with varifocal P-iris lens
CAM4471HEM-3-0015	3 megapixel HDR Auto Focus day&night outdoor fixed dome network camera with motorized P-iris lens

## Optional Accessories

Part Number	Description
ZPWR18W-0030	Power Adapter
ZBracketL-0050	L-type bracket