CAM3451R3/R6

3 Megapixel WDR Outdoor Bullet Network Camera

- Megapixel Progressive Scan CMOS Sensor
- Up to 2048x1536 25FPS 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)
- Day/Night Function with IR-Cut Filter
- Advanced ISP Function (WDR, ROI, 2D/3D De-noise, Edge Enhancement)
- Built-in IR Illuminators, Effective Up to 20 Meters
- IP66 for Outdoor Application

MEGA Megapixel	16:9 16:9	WDR	S1 S2 Dual Stream	Video Intelligent	Local Storage	PoE
D/N	IR LED	IP66	Full HD 1080P Full HD			

Product Specification

Camera	
Image Sensor	1/3" megapixel progressive scan CMOS
Lens	3451R3: f3.6 mm, F1.8 3451R6: f6.0 mm, F2.0
SNR	48dB
WDR	Yes
Day/Night ICR	Yes
IR LED	Yes (20M)
Min Illumination	0.01 Lux @ F1.8 (B/W) 0.1 Lux @ F1.8 (Color)
Iris Control	Fixed
Shutter Time	1/1 ~ 1/10,000 s
Viewing Angle	3451R3: Diagonal: 100°, Horizontal: 78°, Vertical: 62.5° 3451R6: Diagonal: 60.5°, Horizontal: 52.4°, Vertical: 29°
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	25 fps at QXGA (2048 x 1536) 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	32K ~ 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), WDR, 2D/3D De-noise, ROI, Edge Enhancement, image adjustment
Intelligent Video	Motion detection, tampering detection (blocked, redirected, defocused, or spray-painted)
Video Jack	N/A

Audio	
Built-in MIC	N/A
Audio Compression	N/A
Audio Input/ Output	N/A

I/O and Event Management	
Alarm In	N/A
Alarm Out	N/A
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, 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

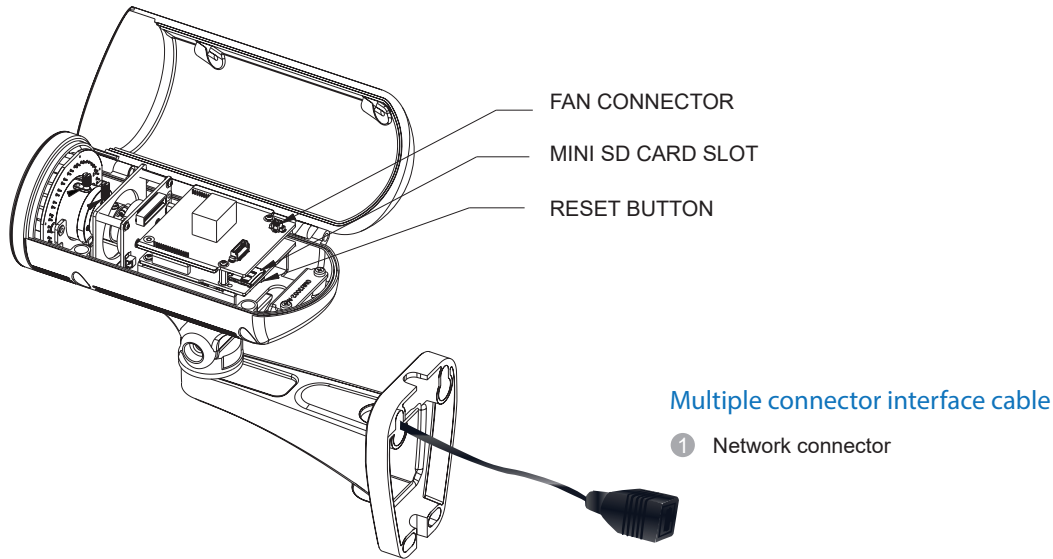| General	
Temperature	Operation: -10°C ~ 50°C (14°F~122°F)
Humidity	5 to 90%
Power	PoE (IEEE 802.3af) with Class 3
Power Consumption	Max. 7.9W (w/o Heater)
Dimension	Length: 165mm, Diameter: 75mm
Weight	NET: 600g With bracket: 800g
Certification	Safety: LVD EMC: FCC, CE, IP66
Warranty	3 years

*Support local recording but no backup to NVR

www.surveon.com

Surveon
Complete Megapixel Solutions

CAM3451R3/R6

3 Megapixel WDR Outdoor Bullet
Network Camera

Part Names and Functions

FAN CONNECTOR

MINI SD CARD SLOT

RESET BUTTON

Multiple connector interface cable

① Network connector

Appearance

Unit:mm(inches)

Front View

81.6 (3.21)

81.4 (3.20)

25 (0.98)

44.5 (1.75)

Side View

242.2 (9.53)

169.2 (6.66)
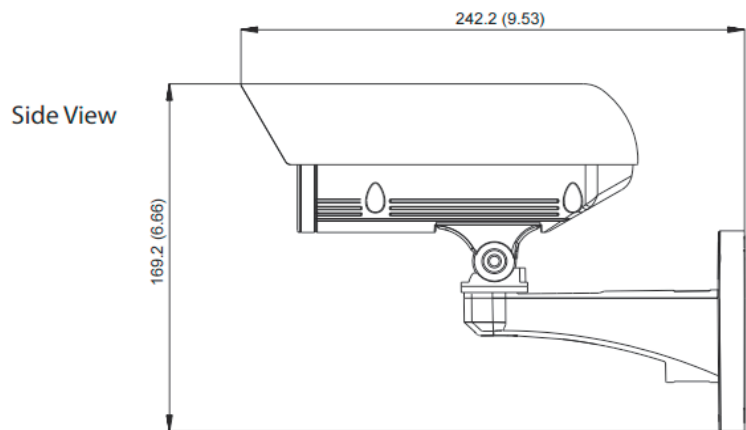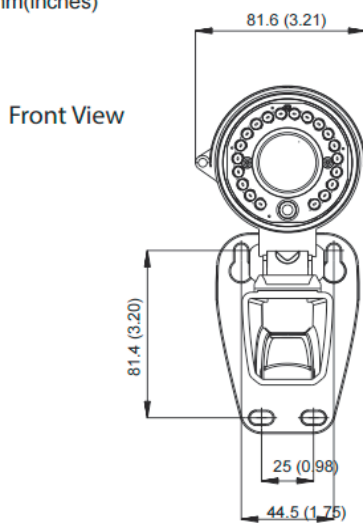
Package Content

Contents	Quantity
Quick Installation Guide	1
Product DVD	1
CAM3451R3/CAM3451R6	1
Anchors and Mounting Screws	4
L Type Hexagon Spanner	3

Ordering Information

Part Number	Description
CAM3451R3-3-0055	3 Megapixel day&night outdoor bullet network camera with f3.6 mm, F1.8 lens
CAM3451R6-3-0055	3 Megapixel day&night outdoor bullet network camera with f6.0 mm, F2.0 lens

Optional Accessories

Part Number	Description
YBPICC0001G0	PoE Injector, 15.4W, 10/100M