

# CAM6181

## 36x Zoom Day&Night Outdoor Speed Dome Network Camera



- 1/4" D1 SONY CCD Sensor
- Up to 720 x 480 Video Resolution
- H.264/MJPEG 2 Simultaneous Video Streams
- Motion Detection & Surveon Video Intelligent
- Day/Night Function with IR-Cut Filter
- 36X Optical Zoom and Auto Focus
- IP66, Wide Temperature, and Vandal Proof for Outdoor Application
- Support Auto Tracking Function (Optional)



Network Camera

### Product Specification

Camera	
Image Sensor	1/4" D1 Sony CCD
Lens	3.4 - 122.4 mm autofocus lens, F1.6 (wide) - F4.5 (tele)
SNR	50dB
WDR	Yes
Day/Night ICR	Yes
IR LED	N/A
Min Illumination	0.01 Lux @ F1.6 (B/W) 0.1 Lux @ F1.6 (Color)
Iris Control	Automatic / Manual IRIS control
Shutter time	1/1 ~ 1/10,000 s
Viewing Angle	57.8° (Wide); 1.70° (Tele)
Camera Angle Adjustment	Pan: 360° endless, 5°-400°/s Tilt: -10° ~ +190°, 5°-400°/s
Pan/Tilt/Zoom Functionalities	1. 180° Horizontal Instant Flip 2. 256 preset positions 3. Preset position auto scanning 4. 36x optical zoom and 12x digital zoom, total 432x zoom 5. Auto Tracking Function (Optional)
Video	
Video Compression	H.264/MJPEG
Resolution	Up to 720 x 480 650 TV Lines
Frame Rate	30 fps at D1 (720 x 480) 30 fps at QVGA (352 x 240)
Video stream	Dual stream at H.264 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), WDR, image adjustment
Intelligent video	Motion detection
Video Jack	N/A
Audio	
Built-in MIC	N/A
Audio Compression	G711/G.726

Audio Input/Output	Line In/Out, terminal block
I/O and Event Management	
Alarm In	4, terminal block
Alarm Out	2, terminal block
Video Buffer	N/A
Event Action	Send snapshot or video clip by FTP or email, record to local storage, trigger DO
Network	
Supported Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, IEEE 802.1X, DDNS, NTP, iSCSI
Ethernet	10/100 Base-T / RJ45
System	
Local Storage	microSDHC 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	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	0 to 90%
Power	AC24V ; HPoE 30W
Power Consumption	Max. 20W (w/o Heater) Max. 50W (w/ Heater)
Dimension	ø192mm x 282mm (H) ø7.55" x 11.1" (H)
Weight	Net: 2.32kg / Gross: 3.55kg
Certification	LVD, FCC, CE, IP66, IK10
Warranty	2 years

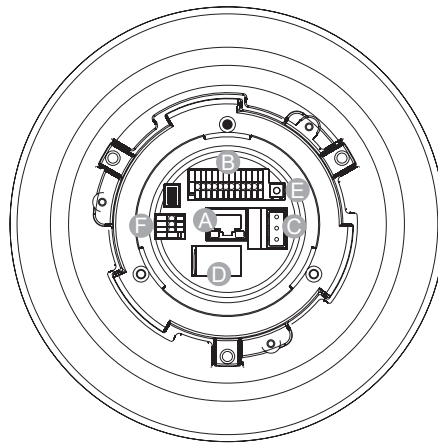
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## Part Names and Functions

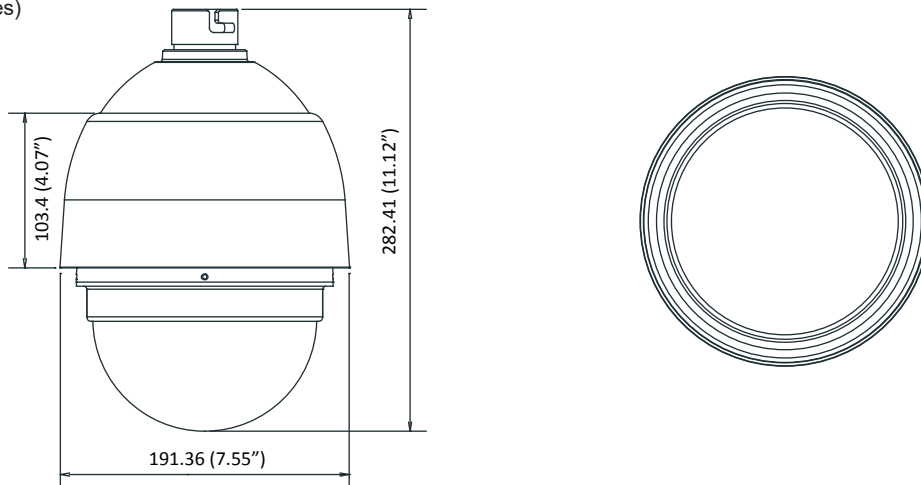
Bottom View



- A RJ-45 Connector
- B ALARM I/O
- C Power
- D microSDHC Card Slot
- E Factory Reset Button
- F Audio I/O

## Appearance

Unit:mm(inches)



## Package Content

Contents	Quantity
Quick Installation Guide	1
Product DVD	1
CAM6181	1
Decoration Ring	1
Screw Hole Indicator Sticker	1
Anchors and Mounting Screws	3

## Optional Accessories

Part Number	Description
ZPWR110-0030	Power Supply, DC, 110V input, 24V output
ZPWR230-0030	Power Supply, DC, 230V input, 24V output
ZBracketI2-0010	Mini Pendant Mount bracket for outdoor speed dome
ZBracketI3-0010	Standard Pendant Mount bracket for outdoor speed dome
ZBracketT1-0010	25CM Straight Tube bracket for outdoor speed dome
ZBracketT2-0010	50CM Straight Tube bracket for outdoor speed dome
ZBRACKETP1-0010	Pole Wide Direct Mounting for outdoor speed dome camera
ZBRACKETP2-0010	Pole Wide Box Mounting for outdoor speed dome camera
ZBRACKETC1-0010	Corner Standard Mounting for outdoor speed dome camera
ZBRACKETC2-0010	Corner Wide Box Mounting for outdoor speed dome camera
YBDCDC0001G0	Vandal Proof Smoke Cover

## Ordering Information

Part Number	Description
CAM6181-0015	36x Zoom Outdoor IP Speed Dome with autofocus lens (NTSC)