



AVC-SNDB41M-4G AI

NDA
COMPLIANT | CE | FC

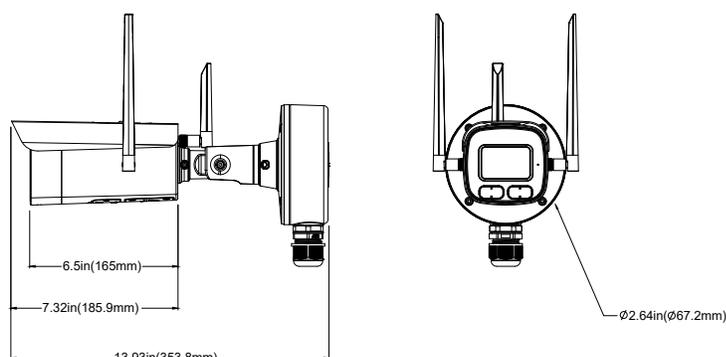
4MP H.265 MOTORIZED BULLET 4G / Wi-Fi SOLAR POWERED CAMERA KIT

OVERVIEW

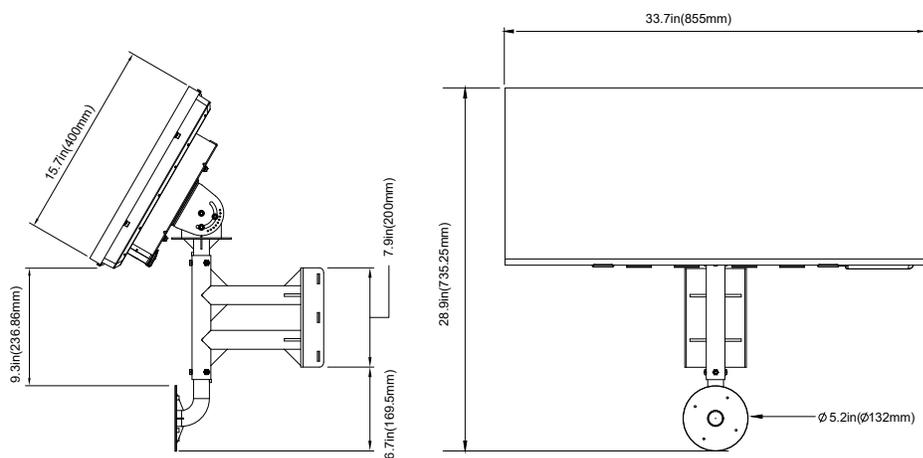
- 4MP (2688x1520) H.265/H.264/H.265+/H.264+/MJPEG
- Max. resolution: 2688x1520
- Full Color / Active Deterrence Camera
- 2.8-12mm Motorized Lens (F1.2)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- White Light LED / Strobe (Blue & Red) Light
- Built-in MIC / Speaker
- Built-in microSD card slot with video and still image capture function (up to 512GB)
- Standalone with solar panel and battery
- Support 4G (LTE-TDD, LTE-FDD, TD-SCDMA) communication
- IP67 ingress protection
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)



Camera Dimension



Solar Panel Dimension

SPECIFICATIONS - Camera

VIDEO	
Imaging Device	1/1.8"
Effective Pixels	4MP 2688(H)×1520(V)
Scanning System	Progressive CMOS
Min. Illumination	Color : 0.0005lux @ F1.0(AGC on); B/W 0 lux @ IR ON
LENS	
Focal Length (Zoom Ratio)	2.8-12mm
Max. Aperture Ratio	F No. 1.2
Angular Field of View	Horizontal:110-40°, Vertical:57-22°, Diagonal:137-46°
Min. Object Distance	W:1.75m, T:5.21m
Lens Type	Ø16.7
OPERATIONAL	
IR LED	4
WarmLight	4
IR Viewable Length	Up to 30m
WarmLight Viewable Length	Up to 25m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA), Built-in microphone&Speaker
Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Pedestrian&Vehicle, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound Intrusion, Region Entrance, Region Exiting
NETWORK	
Ethernet	RJ45 (10/100BASE-T)
Video Compression Format	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Main Stream : 4MP (2688x1520), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720) Sub Stream : 720P (1280x720),VGA (640x480),QVGA (320x240) Mobile Stream : VGA (640x480), QVGA (320x240)
Video Quality Adjustment	256Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter; complicated password; Authenticated username and password
Application Programming Interface	ONVIF (Profile S/G/T)
Web Viewer	IE10/11 Safari : V12.1 above Firefox : V.52 above Google chrome : V.57 above Edge : V.79 above
MOBILE COMMUNICATION	
SIM Card Type	Micro SIM
Frequency	LTE-TDD : Band 38/39/40/41 LTE-FDD : Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28 WCDMA : Band 1/2/4/5/6/8/19
GSM	GSM850/EGSM900/DCS1800/PCS1900
INTERFACES	
Network	1 RJ45 10 M / 100 M self-adaptive Ethernet port
Wi-Fi	IEEE802.11b/g/n; 2.4 G
ENVIRONMENTAL	
Operating Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)
Ingress Protection	IP67
ELECTRICAL	
Power	4-pin waterproof connector 3.5DC connector 60 W (deviation: ± 2 W) Solar panels max.8.7W
MECHANICAL	
Material	Metal

SPECIFICATIONS - Battery

BATTERY	
Battery Type	Lithium
Capacity	8.4 Ah × 4 packs
Battery Voltage	10.8V
Max. Output Voltage	12.6V
Operating Temperature	Charging : -20 °C to 45 °C (-4 °F to 113 °F) Discharging : -20 °C to 60 °C (-4 °F to 140 °F)
Battery Life	More than 500 cycles
Battery Weight	678g× 4 packs

SPECIFICATIONS - Solar Panel

SOLAR PANEL ELECTRICAL PARAMETERS	
Monocrystalline silicon	photoelectric efficiency > 24%
Standard output power (@STC)	60W ± 5%
Open circuit voltage (@STC)	17V ± 5%
Standard operating voltage and current (@STC)	14.8V/4.1A or 15V/4A
Short circuit current (@STC)	< 4.3A