

## DVW-IRB-4K-AI

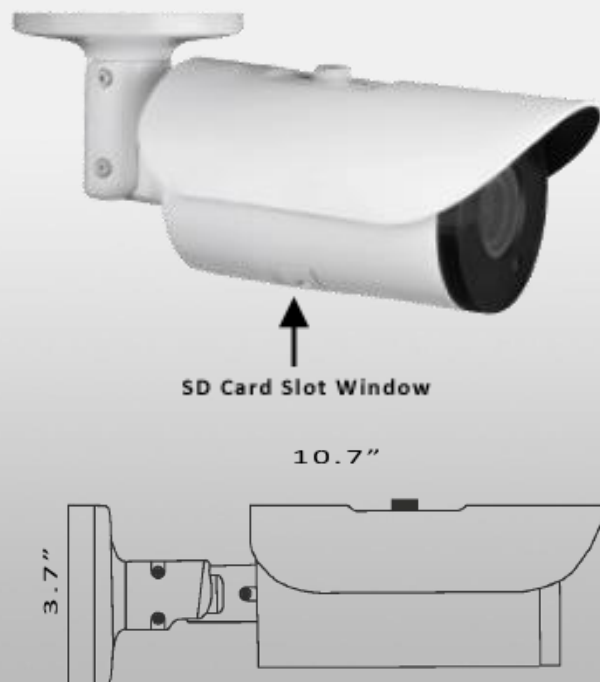
### 4K IR Bullet Camera

featuring AI Smart Camera Analytics

The SAY Security DVW-IRB-4K-AI is a 4K IR Bullet Camera featuring AI Smart Camera Analytics.

#### Features

- IP66 Indoor/Outdoor IR Network Bullet Camera
- 4K Sony Starlight CMOS sensor
- 3.0-10 mm vari-focal motorized, auto-focus, auto-IRIS lens
- True day/night with ICR
- (VCA) Facial recognition, tamper detection, target count, area detection, object lost/left, line crossing detection, and other video analytics
- Supports HTTP, PPPoE, UPNP, FTP, DDNS, VPN, RTSP, etc.
- Supports 140 dB True WDR (True Wide Dynamic Range)/Auto Exposure/White Balance/Motion Detection/BLC/Image Setup/Day/Night/AGC/privacy mask, tamper detection function, etc.
- Audio I/O, alarm I/O, SD card slot, reset, RS-485
- High contrast image at night with customized optical components
- Hybrid Smart IR LED
- Max. 110' true night vision distance; ultra-clear image at night without dark corners
- Defog feature provides to improve viewing performance in foggy conditions



#### Technical Specifications

VIDEO PARAMETERS	
Imaging Device	1/1.8" Progressive Sony Starlight Sensor
Total Pixels	2560(H) x 1960(V)
Scanning System	Progressive Scan Sensor
Min. Illumination	Color: 0.1 Lux@F1.2 (AGC off), B/W: 0.0Lux@F1.2 (IR on)
S/N Ratio	More than 50 dB (AGC OFF)
Video Compression	H.265, H.264, M-JPEG
Video Quality	H.265, H.264: compression level, target bit rate level control (CBR/VBR), M-JPEG: quality level control
Data Rate Control	Video compression level of H.265, H.264, video frame rate, bit rate CBR or VBR
Dual Stream	Main Stream: 3840*2160, 2592*1944, 2548*1536, 640*480, 320*240 Sub Stream: 704*576, 640*480, 320*240
Max. Frame Rate	3840X2160@30fps; 2560X1960@30fps; 2592X1520@30fps; 2048X1536@30fps

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**Technical Specifications (cont'd.)**

LENS PARAMETER	
Lens Type	4K 3.0-10 mm vari-focal motorized auto-focus lens
OTHER FUNCTIONS	
True WDR (Two Exposure)	140dB (Off/Low/Middle/High)
Day & Night	True Day/Night with ICR
DNR	3DNR
Motion Detection	4 Area Selectable Support
Privacy Masking	4 Area Selectable Support
Gain Control	Max. AGC to 255
White Balance	Auto White Balance (AWB)
Electronic Shutter	Auto/A.FLK/Manual
Flip/Mirror	Supported
IR PARAMETERS WITH SELECTION OF LENS	
IR LED	Split beam 45° / 60° customized SMT IR LED
IR Distance & Lens	3.0-10 mm lens, 5'-110' variable, Smart IR to avoid overexposure of near objects
NETWORK PARAMETERS	
Ethernet	RJ45 for 10BASE-T/100BASE-TX PoE
Audio	1 RCA audio input / 1 RCA audio output
Video	1 ch. 1.0 Vp-p composite video output
Alarm	2 ch. alarm input/ 1 ch. alarm output
TF Card	Supports max. 128 GB MicroSD (SDHC / SDXC)
Reset	Supported
RS-485	Supported
Protocol	HTTP, PPPoE, UPNP, FTP, DDNS, VPN, RTSP, etc.
ONVIF Conformance	Supports ONVIF Profile S Ver.2.4
CMS Software	Supports SAY VMS, Milestone, AXXIS, and other ONVIF supported NVR CMS
ENVIRONMENTAL PARAMETERS	
Temperature/ Humidity	-30°F to +125°F, 0% to 90% (non-condensing)
Ingress Protection	Waterproof Housing (IP66)
ELECTRICAL PARAMETERS	
Power over Ethernet	Power over Ethernet IEEE 802.3af Class 2
Input Voltage/ Current	190mA/DC12V; 330mA/DC12V with IR LED on
Power Consumption	Day:1.92W Night:3.96W
MECHANICAL PARAMETERS	
Color/ Material	Body: White epoxy / aluminum
Dimensions	3.7" (B) x 10.7" (L)
Weight	1.1 lbs