AB5Y

5MP Super Starlight Motorized IR Bullet Camera

Main Features

Starlight

Super Starlight Ultra Low Light 0.002Lux

Motorized 2.8 – 12mm

SMART IR

IR Range: 80m

H.265

High Efficiency Video Coding

Weatherproof

IP

IP 67

Operating Temperature 35°C to 65°C

Advanced VCA – Detection and classification of specific target types (people or vehicle)

Ventionex

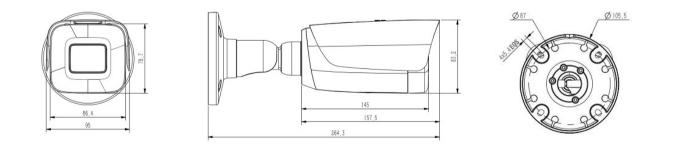## Specifications

Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002Lux@ (F1.6, ACG ON)
	B/W: 0 Lux with IR
Shutter Time	1s to 1/100000 s
Lens	Motorized 2.8 – 12mm, Angle of View: 100.4° ~ 26.8°
Lens Mount	φ14
Day& Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	120 dB
Image	
Max. Image Resolution	2592x1944
Mainstream	PAL: 20fps (2592×1944), 25fps (2560×1920, 2592×1520, 2560×1440, 2048×1036, 1920×1080, 1280×960, 1280×720)
	NTSC: 20fps (2592×1944), 25fps (2560×1920), 30fps (2592×1520, 2560×1440, 2048×1036, 1920×1080, 1280×960, 1280×720)
Substream	PAL: 25fps (704×576, 704×288, 640×360, 352×288)
	NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
3rd Stream	4CIF
Image Settings	Saturation, brightness, contrast, sharpness, adjustable by web browser
Image Enhancement	BLC/3D DNR/HLC/Corridor Format
Smart Defog	Yes
ROI	Support 7 fixed region of coding
Privacy Mask	Yes
Picture Overlay	Yes
OSD	16×16, 24×24,32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
Compression Standard	
Video Compression	S+265/H.265/H.264/MJPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Bit Rate	8K ~ 48Kbps
Network	
ANR	Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Ventionex ANR NVR)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE
Remote Connection	≤7
System Compatibility	ONVIF (Profile S/T), P2P
Infrared	
IR Range	Up to 80m
IR LEDs	4pcs

Interface	
Ethernet	1-ch RJ45 10M / 100M
Audio Input / Output	1-ch / 1-ch
Alarm Input / Output	2-ch / 1-ch
On-board Storage	MicroSD Card Slot, up to 128GB
Reset Button	Yes
Advanced	
Advanced Video Analytics	Tripwire, Double Tripwire, Perimeter, Running, Heatmap, Loitering, Object Abandoned, Missing Object, Parking, Crowd *Support detection and classification of specific target types (people or vehicle) to remove false alarm caused by animals, leaves etc.
Alarm Trigger	Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception
General	
Language	English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic
Operating Temperature	-35 °C ~ +65 °C
Relative Humidity	0~95%
Operating Voltage	DC 12V ± 20%, POE
Power Consumption	Max 8.5W (12V), Max 10W (POE)
Ingress Protection	IP67
Dimensions	264.3× Φ105.5 mm
Weight	1.15 KG
Accessories (Optional)	
JBABY	Junction Box
JBABYV2	Junction Box Version 2
PMADPY	Pole Mount Bracket
CMAPY	Outer Corner Bracket

Outline Dimensions (mm)

AB5Y Outline Dimensions