



B255

Key Features

Starlight illumination, Day/night functionality, Smart IR, up to 50m (164 ft) IR distance, Up to 120 dB Optical WDR (Wide Dynamic Range), 2D/3D DNR (Digital Noise Reduction), Ultra 265, H.265, H.264, MJPEG, Embedded smart algorithm, Triple streams, ROI (Region of Interest), 9:16 corridor mode, Customized OSD, ONVIF Conformance, Support PoE power supply, Wide temperature range: -35°C to 60°C (-31°F to 140°F), Wide voltage range of $\pm 25\%$, IP67

Exsom EIPC-B255 (F2.7~13.5)	
Resolution	5MP (2592×1944)
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS
Lens	2.7~13.5mm@F1.2
Angel of View	93.38°---28.56°
Defog	Digital Defog
Minimum illumination	Colour: 0.002 Lux (F1.2, AGC ON)0 Lux with IR on
IR Range	50m
WDR	120 dB
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	5MP (2592×1944): Max. 25 fps
Working Environment	-35°C ~ +60°C
hardware facilities	IP67- Micro SD up to 128GB-Alarm I/O
Intelligent Identification	Intrusion, cross line, motion detection, Face detection, Audio detection, People counting, Defocus, Scene Change

Camera	
Sensor	1/2.7", progressive scan, 5.0 megapixel, CMOS
Lens	2.7~13.5mm, AF automatic focusing and motorized zoom lens
Angle of View(H)	93.38° ~ 28.56°
Shutter	Auto/Manual, 1~1/100000 s
Minimum Illumination	Colour: 0.002 Lux (F1.2, AGC ON). 0 Lux with IR on
Day/Night	Automatically removable IR-cut filter(ICR)
Digital noise reduction	2D/3D DNR
S/N	>52dB
IR Range	50 m
Defog	Digital Defog
WDR	120 dB
Lens Mount	-
Iris	-
Motor Zoom/focus	-
Pan Range/Speed	-
Tilt Range/Speed	-
Video	
Resolution	2592×1944
Video Compression	Ultra 265,H.265, H.264, MJPEG
Frame Rate	Main Stream:5MP(2592 x 1944): Max. 20 fps, 5MP(2592 x 1944): Max. 25 fps(WDR OFF), 4MP (2560 x 1440): Max. 30 fps,Sub Stream:2MP(1920 x 1080): Max. 30 fps;Third Stream:D1(720 x 765): Max. 30 fps
HLC	Supported
9:16 Corridor Mode	Supported
BLC	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

Smart	
Behavior Detection	Intrusion, cross line, motion detection
Intelligent Identification	Face detection, Audio detection, Defocus, Scene Change
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Storage	
Edge Storage	Micro SD, up to 128 GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP
Compatible	ONVIF(Profile S, Profile G), API
Interface	
Audio I/O	1/1
Alarm I/O	1/1
Serial Port	-
Network	10M/100M Base-TX Ethernet
Video Output	-
General	
Power	12 V DC±25%, PoE (IEEE802.3 af), Max 10W
Dimensions (L × W × H)	253.4 ×86.4 ×78.7 mm (10.0" × 3.4" × 3.1")
Weight	0.58kg (1.28lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95%RH(non-condensing)
Ingress Protection	IP67
Reset Button	-
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8 KHZ
Built-in Mic	-