



5MP MVF Bullet Camera

SC-IS42BP-(Z)(S)(W)

Key feature

- 1/2.5" 5MP Low Illumination CMOS Sensor
- H.265 codec, ultra-low bit rate
- Resolution 2560 X 1920
- Built-in IR LED, IR distance: up to 30 m
- Intelligent Video Analytics
- 12V DC/PoE power supply
- SD Card Supported (Optional)
- Protection: IP67 & IK10

Product Specifications

Model	SC-IS42BP-(Z)(S)(W)
Sensor	1/2.5", 5MP Low Illumination Progressive Scan CMOS Sensor
Effective Pixels	2560(H)x1920(V)
Min. illumination	0.01Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Electronic Shutter	Auto, Slow Shutter, (1/1s-1/100,000s Adjustable)
Lens Type	M12
Lens	VF 2.7-13.5mm (Optional: Motorized 2.7-13.5mm)
IRIS Control	Fixed/Auto
Focus Control	Manual/Auto
Angle of View	Horizontal: 98° to 34° Vertical: 52° to 19° Diagonal: 116° to 40
D&N	ICR switch, Auto, Color, B&W, External trigger
IR Distance	IR Distance 10-30 Mtr
S/N ratio	≥65db (AGC OFF)
Output	PAL/NTSC adjustable
WDR	up to 120dB, (off, low, middle, high)
IR Led Control	Auto, Manual, Off
3D DNR	Off, Low, Middle, High, Higher
Defog	Off, Low, Middle, High
Slow Shutter	Off/ON
Gain Control	High, Higher, Medium, Lower, Low
Anti-Flicker	Outdoor, 50Hz, 60Hz
Smart IR	Auto, Manual (Near Light 0-100, Far Light 0-100)
Exposure Mode	High Light/Low Light
White Balance	Auto, Manual, warm light, natural light, incandescent lamp, fluorescent lamp, locked WB
Sharpness	0-255
AE Algorithms	Shutter priority, Gain priority
Gamma Mode	Curve 1.6, Curve 1.8, Curve 2.0, Curve 2.2
Mirror	Off, Horizontal Mirror, Vertical Mirror, 180-degree flip
Digital Zoom	25X
Image Setting	Brightness, Contrast, Sharpness, Saturation, Chroma

Smart event (Optional)

IVA	Intrusion Detection/Perimeter Detection, Region Entrance/Line Crossing, Human Detection, Video Tampering, Motion Detection
Motion Detection	Set detection area, can set multi-level sensitivity
Schedule Linkage	Capture, email, Audio Broadcast

Human Detection (Optional)

Detection Quantity	≤ 5 people Human
Human Size	≥40X40
Detection Ratio	≥99%
Capturing Speed	≤1s
Detection Part	People with any posture including half body, Head, Hand, Shoulder
Track People	Support
Detection Mode	Support Static and Dynamic Human detection
Detection method	Support visible light Image Detection, and Near infrared Image Detection
Detection Area	Appointed area, Default Full Screen
Upload Method	Upload it under private protocol
Trigger Method	Video trigger, Audio trigger

Audio & Video Encoding

Video Encode	H.264 (MPEG-4 Part 10/AVC) Baseline+ / Main Profile+ / High Profile+, H.265+ Encoding
Encoding Feature	Main code stream: 5MP@1-20fps, 4MP@1-25fps, 2MP@1-25fps, Full Frame Sub-code stream: D1, VGA@1-25fps, Full Frame Third-code stream: CIF@1-25fps, Full Frame
Max resolution	5MP, 2560x1920
Video bit rate	Constant bit rate, variable bit rate (32kbps-8Mbps)
Audio Standard	G.711u, 64Kbps

Network Function

Protocol	TCP/IP, IPv4, IPv6, SNMP, SSL, ICMP, HTTP, HTTPS, HTTP-Base64, HTTP-Digest, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, FTP, RTMP, IGMP, 802.1X, QoS, Multicast
System Compatibility	ONVIF Profile S, G
Security Mode	Authorized username and password, HTTPS with password, AES Encryption for password, RTSP Validation
Privacy Mask	Support 4 area privacy mask
Character Overlay (OSD)	Title, time and date overlay, multi-line OSD, OSD Color Selection
Streaming	Unicast and Multicast
General Function	User Authentication, Watermark, IP address filtering
Web Server	Built In web server with interactive Graphical User Interface
Discovery Interface	UPnP, ONVIF, Sparsh Utility to Detect camera automatically and configure network settings
Max User Access	20

PTZ

Pan/Tilt Range (Manual)	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
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Interface

Network Port	RJ45 10M, 100M Network Self-Adjustable
Audio	Built-in-mic or 1 IN/1 Out (Optional)
Alarm	1Ch Alarm IN, 2Ch Alarm Out (optional)
Storage	NVR Storage, SD Card supports up to 256GB(Optional)

General

Power Supply	PoE(802.3af)/DC 12V±10%
Power Consumption	<5.7W
Ingress Protection	IP67 Weatherproof Protection Complaint, IK10 Vandal Proof Complaint

Surge Protection	TVS 2000V lightning protection, surge protection and voltage transient protection
Storage Conditions	-40 °C ~ 70 °C Humidity 95% or less (non-condensing)
Operating Conditions	-40 °C ~ 70 °C Humidity 95% or less (non-condensing)
Dimension & Weight	182mm×75mm×75mm, 0.55kg Approx.
Certifications	
Product Certification	Safety: CE, FCC, EN:60950-1, IS 13252 (Part 1):2010, BIS Registered, IEC 60950-1:2005
	Immunity: CE, FCC

Ordering Information:

Sr. No	Model	Lens	IR Range	Audio	Alarm	SD card
1.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	NA	NA	NA
2.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	Yes	NA	NA
3.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	Yes	Yes	NA
4.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	NA	NA	Yes
5.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	Yes	NA	Yes
6.	SC-IS42BP-(Z)(S)(W)	Motorized 2.7-13.5mm	10-30 Mtr.	Yes	Yes	Yes

*Note: Product design specifications and colors are subject to change without notice to improve Reliability, Function or Design or otherwise. Errors and omissions excepted. Images displayed here are for illustration purposes only, actual product may vary. Sparsh offers customized products and solutions as per site or customer requirements, minor changes in specifications and appearance are warranted and tracked version wise for customized requirements.