

2MP Bullet IP Camera

- 2MP 1/2.7" CMOS image sensor, low luminance, and high-definition image
- **Intelligent Analytics Supported:** Human Detection, Intrusion Detection, Audio Detection, Object Left, Object Lost, Line crossing, Scene Change
- SD card supported up to 512GB.
- Wide Dynamic Range up to 120dB
- Digital Alarm 1 Ch In/ 1 Ch Out
- NDAA Compliant



Rev 1.2

AI Video Analytics

In the ever-evolving landscape of surveillance technology, the Sparsh Gold Series IP Camera stands out as a beacon of innovation and intelligence. Engineered with cutting-edge features, this camera transcends the boundaries of conventional surveillance, offering an unparalleled level of insight and security. These cameras are powered by Advance AI functions such as Human Detection, Intrusion Detection, Audio Detection, Object Left, Object Lost, Line crossing, Scene Change.

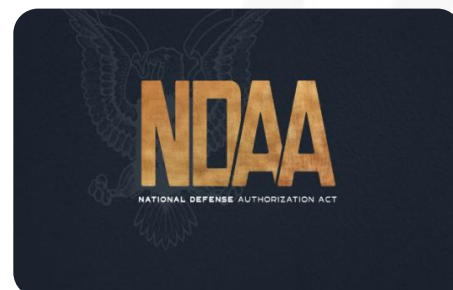


Superior Image Quality

Discover a new realm of clarity and precision with Sparsh Gold Series IP Cameras. Equipped with advanced low-light image sensors, these cameras redefine your surveillance experience, capturing vivid details even in the darkest of environments. Say goodbye to washed-out visuals and distorted imagery—our cameras boast Wide Dynamic Range (WDR) technology, ensuring unparalleled image quality even in challenging lighting conditions. Elevate your surveillance game with Sparsh Gold Series IP Cameras and witness every detail come to life, day or night.

NDAA Compliant

Experience peace of mind with the Sparsh Gold Series IP Camera—an embodiment of cutting-edge security technology that goes above and beyond. Our commitment to your safety extends even further, as these cameras are fully NDAA compliant. With adherence to the National Defense Authorization Act's rigorous standards, rest assured that your surveillance solution not only offers unmatched performance but also aligns with the highest levels of regulatory compliance. Elevate your security with confidence—choose Sparsh Gold Series IP Cameras, where innovation meets compliance seamlessly.



Technical Specifications:

Specifications	SC-IGH20B-V12M3	SC-IGH20B-M12M3
Camera		
Image sensor	1/2.7" Progressive Scan CMOS Sensor	
Max Resolution	1920(H)x1080(V)	
Min. Illumination	0.0009 Lux@F1.5(Color, 30IRE), 0.0005 Lux@F1.5(B/W, 30IRE), 0 lux (Illuminator on)	
S/N Ratio	> 58dB	
IR Distance	20-30Mtr	
IR On/Off Control	Day, Night, Auto, Scheduled	
IR LEDs	42 IR LEDs	
IR On/Off Control	Auto/ Manual	
Lens		
Lens Type	Vari-Focal	Motorized Vari-Focal
Mount Type	M14	
Focal Length	2.8-12mm	
Max. Aperture	F1.5	
Angle Of View	89°~25°(H) 72°~19° (V) 103°~31° (D)	
Iris control	Auto	
Focus Control	Auto/Manual	
Video		
Compression	H.265/H.264/ H.265SE / H.264SE	
Streaming Capability	2 Streams	
Smart Codec	H.265SE , H.264SE	
Resolution	2MP/D1/ VGA /CIF	
Streams	Mainstream: 2MP@60fps, Sub Stream: D1 (704x576)/ VGA(640x480)/CIF (352×288)@25/30fps	
Bit Rate	5kbps-8192kbps	
Bit Rate Control	CBR/VBR	
Day/ Night	Automatic/Day/Black and white	
Exposure Mode	Automatic/Manual-(1/25~1/100000)	
WDR	Upto 120dB	
BLC Mode	On/Off	
HLC Mode	On/Off	
Profiles	Auto, Low Light Priority, High Light Priority	
White Balance	Automatic	
Gain Control	Auto/Manual	
Noise Filter	Auto, 2D/3D (1-6 Levels)	
Digital Zoom	16X, Area's selection with Mouse	
Anti - Flicker	On/Off	
Flip	On/Off	

IR Reverse	Support
Mirror	On/Off
Text Overlay	Title, Date & Time, Weekday
Privacy Masking	Yes (4 zones)
Events	
Motion Detection	22X18 Zones
Video Blind	Support
Abnormality	No Disk, Disk Error, Disk No Space, Network Cable Disconnected, IP Address Conflict
Smart Functions	Human Detection, Intrusion Detection, Smart Sound Detection, Line crossing, Scene Change, Object Left, Object Lost
Event Actions	Record alarm, Linkage alarm output, Sound alarm, Email link, Upload FTP, Snapshot
PT (Manual)	
Pan	0° ~360°
Tilt	0° ~90°
Safety	
Security	Authorized username and password, HTTPS with password, RTSP Validation, User Access Log, User Authentication, Watermark, IP address filtering, 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation of X.509 certification
ONVIF Authentication	On/Off
RTSP Authentication	Digest, None
Audio	
Compression	G.711A/U
Talk Back	Support (Optional)
Network	
Ethernet	10/100M adaptive Ethernet interface
Protocol	TCP/IP, UDP, IPv4, ICMP, HTTP, HTTPS, HTTP-Base64, HTTP-Digest, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, FTP, IGMP, P2P, IP Filter, IPV6, SNMP V1 & V2
Interoperability	ONVIF Profile S & G
Max. user Access	30 Users
Edge storage	Local PC for instant recording, one clicks Snapshot, one clicks triple Snapshot
Cloud Storage	Dropbox, Google Drive
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Sparsh VMS
Smart Phone	Supports Omnisurv pro app for iPhone, Android
Interface	
Audio	1 IN/1 Out (Optional)
Alarm	1IN/1 Out (Optional)
SD Card	Support up to 512GB (Optional)
General	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH

Ingress Protection	IP67
Vandalism Protection	NA
Power supply	DC 12V \pm 10%, Optional: PoE (802.3af, class 3)
Power Consumption	Max 12W
Dimension & Weight	253mm(L) x 86.5mm(W) x 76mm(H), 560 g
Product Certification	Safety: CE, FCC, IS/EN:60950-1, IS:13252 (Part 1): 2010, BIS Registered

Ordering Information:

Sr. No.	Ordering Model	Audio	Alarm	SD Card	Lens
1.	SC-IGH20B-V12M3	NA	NA	NA	VF 2.8-12mm
2.	SC-IGH20B-V12M3 with SD card	NA	NA	Yes	VF 2.8-12mm
3.	SC-IGH20B-V12M3 with Audio, Alarm & SD card	Yes	Yes	Yes	VF 2.8-12mm
4.	SC-IGH20B-M12M3	NA	NA	NA	MVF 2.8-12mm
5.	SC-IGH20B-M12M3 with SD card	NA	NA	Yes	MVF 2.8-12mm
6.	SC-IGH20B-M12M3 with Audio, Alarm & SD card	Yes	Yes	Yes	MVF 2.8-12mm



*Product specifications & appearance are subject to change without prior notice or obligation.

