



2MP Dome IP Camera

- High Resolution 2MP
- Compression techniques: H.265/H.264/MJPEG
- Ultra Low Illumination
- **Analytics Supported:** Human Detection, Scene Change Motion Detection, Tampering Detection
- NDAA Compliant

HD Resolution

Our Silver Series Camera features high-definition (HD) resolution, delivering clear and crisp image quality in various conditions. Whether the subject is stationary or moving, the camera performs reliably, capturing detailed and sharp images with impressive accuracy. Its advanced imaging ensures even fast-moving objects are recorded clearly, making it ideal for environments where dependable and detailed video footage is essential.

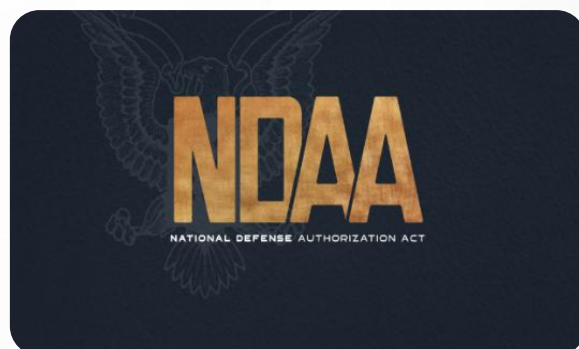


Cyber Security

The camera is designed to be secure and reliable in compliance with essential security requirements for CCTV systems, as outlined by relevant government standards. It incorporates advanced authentication methods, secure data transmission protocols, encryption, integrity protection mechanisms, and secure firmware management to ensure trusted operation and safeguard against unauthorized access or tampering.

NDAA Compliant

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.



Technical Specifications:

Specifications		SC-ICA20D-3P3C
Camera		
Image sensor	1/3" Progressive CMOS Sensor	
Effective Pixels	1928(H)x1088(V)	
Min. Illumination	Color: 0.01 Lux @F2.0, B/W: 0.001 Lux@F2.0, 0 Lux at IR ON	
S/N Ratio	>58dB	
IR Distance	20m-25m	
Shutter Speed	1/25 sec ~ 1/10000 sec	
IR On/Off Control	Auto/ Manual	
IR LEDs	3 Array LEDs	
Lens		
Lens Type	Fixed	
Mount Type	M12	
Focal Length	3.6mm (Optional: 2.8mm, 6mm)	
Max. Aperture	F2.0	
Angle Of View	2.8mm: 105.2°(H) 71.5°(V) 110.8°(D), 3.6mm: 89.6°(H) 58.4°(V) 97.2°(D), 6mm: 61.5°(H) 37.1°(V) 69°(D)	
Focus Control	Fixed	
Video		
Compression	H.265/H.264/MJPEG	
H.264 encoding	Baseline / Main Profile / High Profile	
H.265 encoding	Baseline / Main Profile / High Profile	
Streaming Capability	2 Streams	
Resolution	2MP/720P/D1/ VGA/CIF	
Streams	Mainstream: 1920×1080(2MP), 1280x720(720P), 720*576(D1)@25fps Sub Stream: 720x576 (D1), 640x480 (VGA), 360x240(CIF)@25fps	
Bit Rate	32Kbps-8000Kbps	
Bit Rate Control	CBR/VBR/SBR/CQP	
Day/ Night	Automatic/Black and white	
Exposure Mode	Automatic/Manual-(1/50 sec ~ 1/10000 sec)	
BLC Mode	On/Off	
HLC Mode	On/Off	
WDR	Upto 80dB	
White Balance	Automatic/Manual(2700K/4150K/6500L/8000K)	
Gain Control	Auto	
Noise Filter	3D DNR (On/Off)	
Anti - Flicker	Automatic/Manual(50Hz/60Hz)	
AE Reference	1-255 Level	
AE Sensitivity	1-10 Level	
Image Settings	Brightness, Contrast, Hue, Saturation, Sharpness	
Flip	Off / On	
Mirror	Off / On	
Text Overlay	Title, Date & Time	
Privacy Masking	Yes (4 zones)	

Events	
Motion Detection	Support
Tampering Detection	Support
Human Detection	Support
Scene Change	Support
Abnormality	Network Cable Disconnected, IP Address Conflict
Event Actions	Sound alarm, HTTP Notification
PTZ (Manual)	
Pan	0° ~360°
Tilt	0° ~90°
Rotation	0° ~360°
Safety	
Security	Authorized username and password, HTTPS with password, RTSP Validation, User Access Log, User Authentication, IP/MAC filtering; Watermark, HTTPS; trusted upgrade, trusted boot; firmware encryption
ONVIF Authentication	ON, OFF
RTSP Authentication	Digest, None
Audio	
Interface	In-built microphone (Optional)
Compression	G.711A/U
Network	
Ethernet	10/100M adaptive Ethernet interface
Protocol	TCP/IP, IPv4, IPv6, HTTP, HTTPS, HTTP-Base64, HTTP-Digest, DHCP, DNS, RTSP, NTP, SMTP, P2P, IP Filter
Interoperability	ONVIF Profile S
Max. user Access	20 Users
Edge storage	Local PC for instant recording, one clicks Snapshot
Web Viewer	Chrome, Firefox, Safari
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	NA
Vandalism Protection	NA
Power supply	DC 12V ± 10%/ PoE (802.3af, class 3)
Power Consumption	Max 12W
Dimension & Weight	84.42mm(H) x110mm(W) ,200 g
Product Certification	Safety: CE, FCC, IS/EN:60950-1, IS:13252 (Part 1): 2010, BIS Registered

Ordering Information:

Sr. No.	Ordering Model	Lens	Audio
1.	SC-ICA20D-3P3C	3.6mm	NA
2.	SC-ICA20D-3P3C with Audio	3.6mm	Yes
3.	SC-ICA20D-3P3C —2.8mm lens	2.8mm	NA
4.	SC-ICA20D-3P3C —2.8mm lens with Audio	2.8mm	Yes
5.	SC-ICA20D-3P3C —6mm lens	6mm	NA
6.	SC-ICA20D-3P3C —6mm lens with Audio	6mm	Yes

DORI Information:

Lens (mm)	Detection	Observation	Recognition	Identification
2.8mm	48m	17m	8m	3m
3.6mm	60m	23m	10.5m	4.5m
6mm	96m	39m	18m	9m

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