2MP Vandal Dome IP Camera

- High Resolution 2MP
- Compression techniques: H.265/H.264
- Ultra Low Illumination
- **Analytics Supported:** Human Detection, Scene Change, Motion Detection, Tampering Detection
- IP66, IK10 Compliant
- NDAA Compliant



V1.3

HD Resolution

Our X 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.



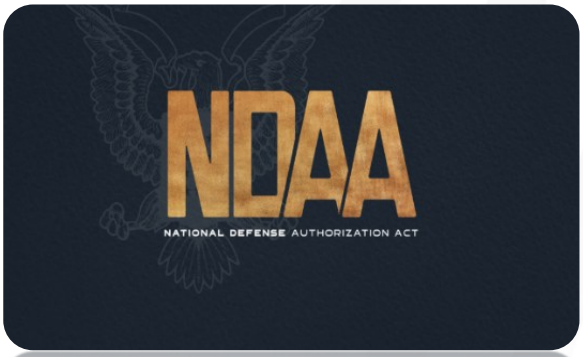


Cyber Security

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-IST20D-V12L3C
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	25m - 30m
Shutter Speed	1/50 sec ~ 1/10000 sec
IR On/Off Control	Auto/ Manual
IR LEDs	4 Array LEDs
Lens	
Lens Type	Varifocal Lens
Mount Type	M12
Focal Length	2.8mm-12mm
Max. Aperture	F2.0
Angle Of View	**2.8-12mm**: 105.2° to 33.5°(H), 71.5° to 19.3°(V), 110.8° to 37.7°(D)
Focus Control	Auto/Manual
Video	
Compression	H.265/H.264
Streaming Capability	2 Streams
Resolution	2MP/720P/D1/ VGA/CIF
Streams	**Mainstream:** 1920×1080(2MP), 1280x720(720P) @25fps **Sub Stream:** 720x576 (D1), 640x480 (VGA), 360x240(CIF)@25fps
Bit Rate	211kbps-8192kbps
Bit Rate Control	CBR/VBR
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
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	0°, 180°
Mirror	Off / On
Text Overlay	Title, Weekday, Date & Time

Privacy Masking	Yes (4 zones)
Events	
Motion Detection	Support
Tampering Detection	Support
Human Detection	Support
Scene Change	Support
Event Actions	Record, Snapshot, Email, Buzzer, FTP Upload
PT (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, 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, DHCP, RTSP, RTSPS, SMTP, IP Filter, FTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF Profile S,G &T
Max. user Access	20 Users
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	IP66
Vandalism Protection	IK10
Power supply	DC 12V ± 10%/ PoE (802.3af, class 3)
Power Consumption	Max 12W
Dimension & Weight	135mm(H) x 154 (ϕ) Diameter; 750g
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-IST20D-V12L3C	2.8-12mm	NA
2.	SC-IST20D-V12L3C with Audio	2.8-12mm	Yes

DORI Information:

Lens (mm)	Detection	Observation	Recognition	Identification
2.8mm-12mm	48m-193m	17m-77m	8m-38m	3m-19m

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