SATATYA CIDR20VL12CW-S

2MP IR Dome Camera with 2.8-12mm Lens

MATRIX
SECURITY SOLUTIONS

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Matrix project series IP Cameras are built using superior components such as Sony STARVIS sensor and higher MTF lens to offer unmatched image quality especially during the low light conditions. Powered by True WDR algorithm, these cameras offer consistent image quality even in highly varying lighting conditions. Built in intelligent analytics including Intrusion Detection, Trip Wire, etc. ensure real-time security. Moreover, H.265 compression and Automatic Motion based Frame Rate Reduction save bandwidth and storage up to 50%.

USP

SONY STARVIS SENSOR	H.265	IVA	HIGHER FIELD OF VIEW
SMART STREAMING	ADAPTIVE STREAMING	TRUE WDR	NAS

CERTIFICATION

Onvif | BIS | IP66 Weatherproof | FC | CE CERTIFIED | IK10

Customer Care: **+91 265 2630555**   E-mail: **Customer.Care@MatrixComSec.com**   **www.MatrixVideoSurveillance.com**

Made in India

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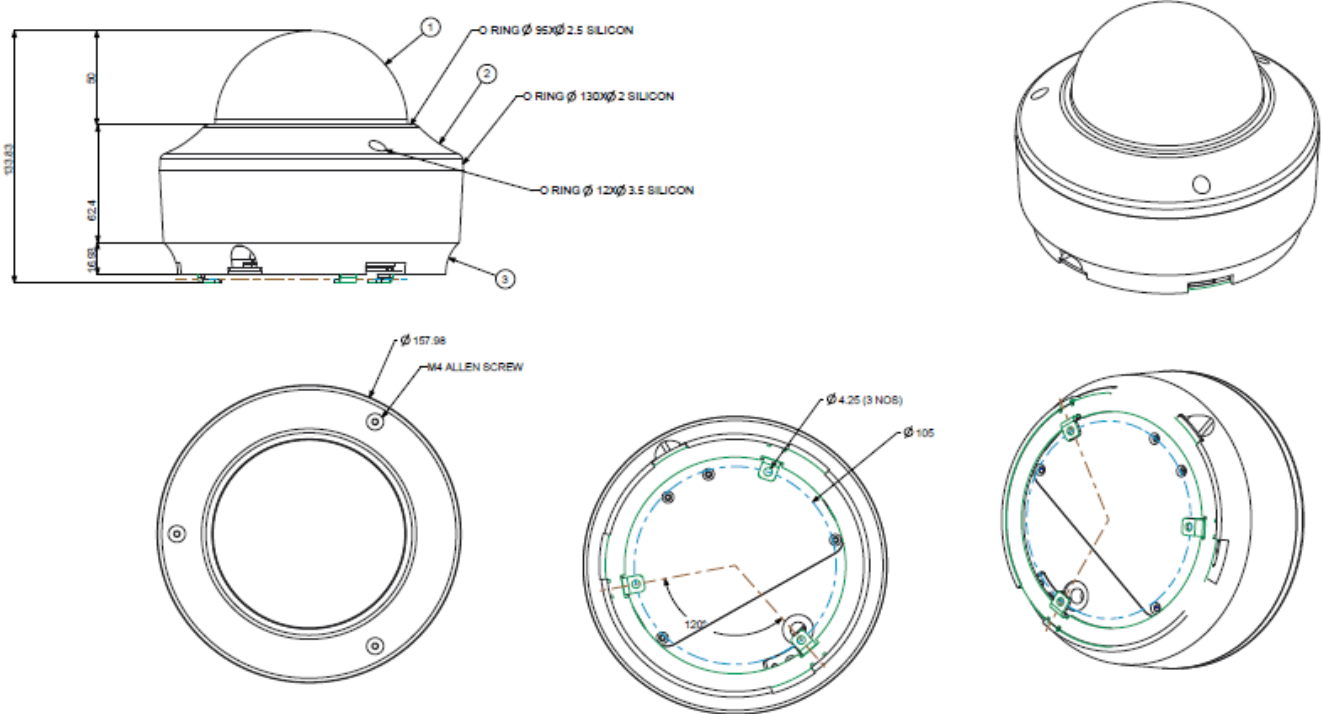| TECHNICAL SPECIFICATIONS	
CAMERA	
Sensor Type and Size	1/2.8" SONY CMOS (EXMOR Technology STARVIS Series)
Minimum Illumination	0.08Lux @ F2.0 @ 1/25s, No Sens-up allowed for (Color/Monochrome) and 0Lux with IR LED on for (B/W)
Lens Type	Fixed Iris
Focal Length	2.8-12mm
FOV	HFOV (degrees) 98° to 33° DFOV (degrees) 166° to 38°, VFOV (degrees) 51° to 19°
Shutter Speed	1/12500s to 1/25s
SNR	48dB @ 5Lux
Lens Mount	M12 x 0.5
Minimum Object Distance	0.3m
Processor, RAM and Flash	HI-3516A, 4GB and 1GB
Aperture	F1.2
IR LED Type	30-Through-hole LEDs
IR Range	Up to 30m
IR Type	Auto / Manual
IR Power Consumption	6.5W @ on and 3.5W @ off
Privacy Zone	3 Zones
NETWORK	
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPOE, SMTP, NTP, SNMP, HTTPS, FTP, ONVIF S
IMAGE AND VIDEO	
Video Compression	H.265/H.264/MJPEG
Resolutions	2MP(1920x1080)/720p/D1(704x480)/2CIF(704x288)/CIF(352x240)/QCIF(176x120)
Stream Profiles	Four streams are supported 2MP up to 30 fps(H.265/H.264), D1 up to 5fps(MJPEG), D1 up to 30 fps(H.265/H.264), 720p up to 30 fps(H.265/H.264/MJPEG)
Max. Number of Simultaneous Streams	4
Bitrate	128Kbps - 4Mbps
Frame Rate	1 - 30fps
Image Enhancements	Saturation, Contrast, Brightness, Hue, Sharpness, Rotate, White Balance (Auto/Fluorescent/Incandescent/Sunny)
WDR	True WDR (120dB)
Image Features	ROI, E-PTZ, BLC, Digital Zoom, Image Snapshots, Adaptive Streaming, Smart Streaming (Max. 3 Windows), Unicast/Multicast, Text and Image Overlay
DNR	3DNR and 2DNR(Auto/Manual)

Recording Type	Scheduled Edge Recording, Network Recording, Alarm Recording
EVENTS AND ACTIONS	
Events	Motion Detection, View Tamper, Line Intrusion, Directional Motion, Trip Wire(3 Lines), Zone Intrusion(3 zones), IP-Conflict, Network-Disconnect, Storage Alert
Actions	Email with Snapshot, TCP, SMS Notifications, Alarm Recording, Image and Clip Upload
GENERAL SPECIFICATION	
Communication Interface	10Base-T/100BaseTX Ethernet (RJ-45)
SD Card	Up to 128GB(Micro SD)
Power Supply	12V/2A, Poe (IEEE 802.3af)
Power Consumption	7 Watt
Operating Temperature/Storage Temperature	0 to 50 Degree / (-)20 to 60 Degree
Operating Humidity	Less than 90% RH
Certifications	BIS,CE, IP66, FCC Part-15 Class-B
System Requirements	Windows7 and above, Browser: IE-8 and above, Plugins: IE-ActiveX, Google Chrome and Mozilla-VLC
Dimension	Diameter: 158mm,Height: 134mm
Weight and Color	1400gm & White (Beige)
Material Type	Aluminum

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DIMENSIONS (in mm)

O RING Ø 95XØ 2.5 SILICON
O RING Ø 130XØ 2 SILICON
O RING Ø 12XØ 3.5 SILICON

Ø 157.98
M4 ALLEN SCREW
Ø 4.25 (3 NOS)
Ø 105
120°

ABOUT MATRIX

Established in 1991, Matrix is a leader in security and telecom solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many national and international awards for its innovative products.

* Specifications are subject to change without prior notice.

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