

SATATYA MIDR20FL36CWS

2MP IR Dome Camera with 3.6mm Lens



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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



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TECHNICAL SPECIFICATIONS

CAMERA

Sensor Type and Size	1/2.8" SONY - CMOS 2MP Active Pixel Progressive Scan, Back Illuminated Image sensor (Exmor Technology - STARVIS Series)
Minimum Illumination	0.08 Lux @ F2.0 @ 1/25s, No Sens-up Allowed
Lens Type	Fixed Iris
Focal Length	3.6mm
FOV	HFOV (degrees) 90° DFOV (degrees) 110°, VFOV (degrees) 47°
Shutter Speed	1/12500s to 1/25s
SNR	49dB @ 5lux
Lens Mount	M12 x 0.5
Processor and RAM	Hisilicon HI-3516D, 256MB
Aperture	F 1.2
IR Range	30m
IR Type	Auto / Manual

NETWORK

Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP
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IMAGE AND VIDEO

Video Compression	H.265, H.264 and MJPEG
Resolutions	1080p(2MP), 720p, D1, 2CIF, CIF, QCIF
Stream Profiles	Two streams are supported: Profile 1: 2MP up to 30 fps(H.265/H.264/MJPEG) Profile 2: D1 up to 30fps(H.265/H.264)
Bitrate	32Kbps - 4Mbps
Frame Rate	1 - 30fps
Image Enhancements	Saturation, Contrast, Brightness, Hue, Sharpness, Rotate
WDR	True WDR (120dB)
Image Features	ROI, BLC, White Balance, EPTZ, Smart IR, Day/Night Settings, Edge Recordings, Network Recording, Image-Snapshots
DNR	3DNR and 2DNR(Auto/Manual)

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)

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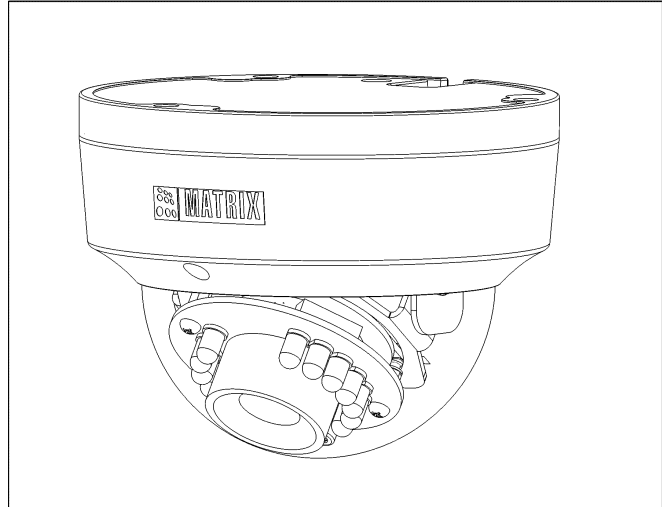
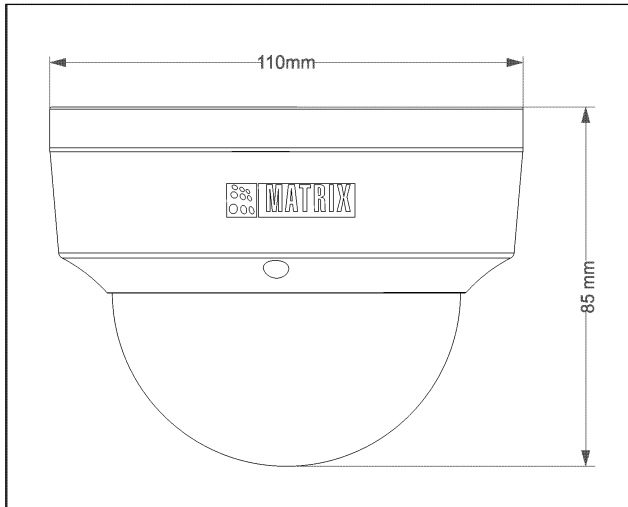
Power Consumption	7 Watt
Operating Temperature/Storage Temperature	0 to 50 Degree / (-)20 to 60 Degree
Operating Humidity	Less than 90% RH
Certifications	BIS, CE, IP66, FCC Part-15 Class-B,IK10
System Requirements	Windows7 and above, Browser: IE-8 and above, Plugins: IE-ActiveX, Google Chrome and Mozilla-VLC
Dimension	Diameter: 110mm, Height: 85mm
Weight and Color	450gm & White (Beige)
Material Type	Aluminum

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DIMENSIONS (in mm)



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.