5MP IR Bullet Camera with 2.8mm Lens

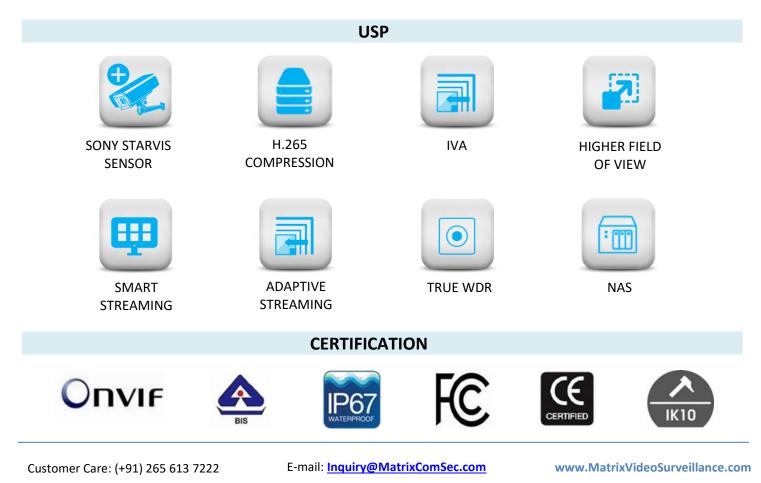






SATATYA MIBR50FL28CWS 5MP IR Bullet Camera with 2.8mm Lens

Matrix Professional 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%.



### 5MP IR Bullet Camera with 2.8mm Lens



IMAGE SENSOR   Resolution 5 MP (2592 x 1944)   Sensor Type and Size Progressive Scan, Back Illuminated Image sensor (STARVIS Series)   LENS   LENS   Minimum Illumination Monochrome - 0 Lux   Focal Length 2.8mm   Focal Length 2.8mm   Focus Range 0.3m to infinity   Focus Range DFOV - 127.62"   Lens Mount M12   Focus Fixed focus   Aperture (F#) F 1.6 / F 2.0   Iris Type Fixed   IR Range Up to 30m   IR Led Wavelength 850nm   IR Led Wavelength 850nm   Rande Support Up to 512G8   Camera Adjustment Angle Pari: 0* to 360°   Titl: 0* to 90° Rotate: 0* to 360°   Titl: 0* to 90° Rotate: 0* to 360° (h.265/H.264)   Profile 1: 2592x1944 @ 30fps	TECHNICAL SPECIFICATIONS IMAGE SENSOR		
I/2.8" SONY - CMOS SMP Active Pixel Progressive Scan, Back Illuminated Image sensor (STARVIS Series)LENSColor - 0.01 Lux @F1.2 (AGC ON) Monochrome - 0 LuxFocal Length2.8mmFocus Range0.3m to infinityFocus Range0.3m to infinityFiled of View (FOV)DFOV - 107.6" VFOV - 57"Filed of View (FOV)DFOV - 127.62"Lens MountM12Focus RangeIf is of focusAperture (F#)F 1.6 / F 2.0Iris TypeFixed focusAperture (F#)F 1.6 / F 2.0Iris TypeFixedIR RangeUp to 30mIR Led Wavelength850nmIR SwitchingAuto/ ManualManuelManuelMABOWARE SPECIFICATIONSSD Card SupportUp to 512GBCamera Adjustment AnglePan: 0° to 360° 			
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2CIF, CIFMax Resolution2592 x 1944Bitrate128 kbps-16MbpsBitrate TypeCBR, VBRVideo CompressionH.265, H.264, MJPEG			
Bitrate128 kbps-16MbpsBitrate TypeCBR, VBRVideo CompressionH.265, H.264, MJPEG	Available Resolutions	2CIF, CIF	
Bitrate TypeCBR, VBRVideo CompressionH.265, H.264, MJPEG	Max Resolution	2592 x 1944	
Video Compression H.265, H.264, MJPEG	Bitrate	128 kbps-16Mbps	
	Bitrate Type	CBR, VBR	
Frame Rate 1-30fps	Video Compression	H.265, H.264, MJPEG	
· · · · · · · · · · · · · · · · · ·	Frame Rate	1-30fps	

## 5MP IR Bullet Camera with 2.8mm Lens



Shutter Speed	1/15s - 1/100000s	
Adaptive Streaming	Yes	
ONVIF Profiles	Both S and G	
Edge Recording	Yes	
Alarm Recording	Pre and Post	
Motion Recording	Yes	
Time Triggered	Yes	
Video Parameters	Snapshot, Region of Interest (ROI), BLC, Day/Night Settings	
Privacy Masks	8	
WDR	True WDR (120dB)	
SNR	73dB	
Image Enhancement	Rotation/ Saturation/ Contrast/ Sharpness/ Brightness/ Hue/ White Balance	
DNR	2D &3D	
Video Analytics	Motion/No Motion Detection, Tamper Detection, Trip/No Trip Detection, Object Intrusion/Zone Intrusion	
	ALERTS	
IP Conflict	Yes	
Network Disconnect	Yes	
Storage Full	Yes	
EVENTS AND ACTIONS		
Upload Image	SD, NAS, FTP	
Upload Clip	SD, NAS, FTP	
Notifications	E-mail, SMS, TCP	
PROTOCOLS SUPPORTED		
Supported protocols	TCP/IP, HTTP, ARP, DSCP, QoS, DHCP, DNS, DDNS, RTP, RTCP, RTSP, PPPOE, SMTP, NTP, HTTPS, TLS/SSL, FTP, ICMP, IGMP, 802.1x, SNMP, UPnP, Bonjour, UDP	
Web Viewer	Supported in IE 8.0-11.0, Firefox 15.0-47.0, Chrome 20.0-54.0	
Browser	IE, Chrome, Mozilla	
OPERATING PARAMETERS		
Power Supply	12V (DC); 802.3af (PoE)	
Power Consumption	Approximately 5.5W	
Operating Humidity	Less than 95% RH (non-condensing)	
Operating Temperature	-30°C to 60°C	
Storage Temperature	-30°C to 60°C	

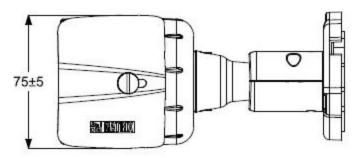
### 5MP IR Bullet Camera with 2.8mm Lens

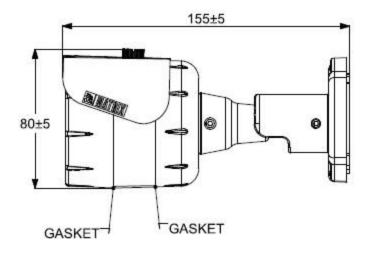


PHYSICAL PARAMETERS		
Communication interface	10Base-T/100BaseTX Ethernet (RJ-45)	
Weight	500gms	
Color	Infinity White	
Dimensions	155 x 75 (Length x Width)	
Storage	NAS	
Certifications	BIS, CE, IP67, FCC Part-15 Subpart – B, ONVIF S & G	

\*Specifications are subject to change without prior notice

## DIMENSIONS (in mm)







## **SATATYA MIBR50FL28CWS** 5MP IR Bullet Camera with 2.8mm Lens



### 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.



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