SATATYA PZCR20ML33CWP

2MP Pan-Tilt-Zoom Camera with 33x Optical Zoom

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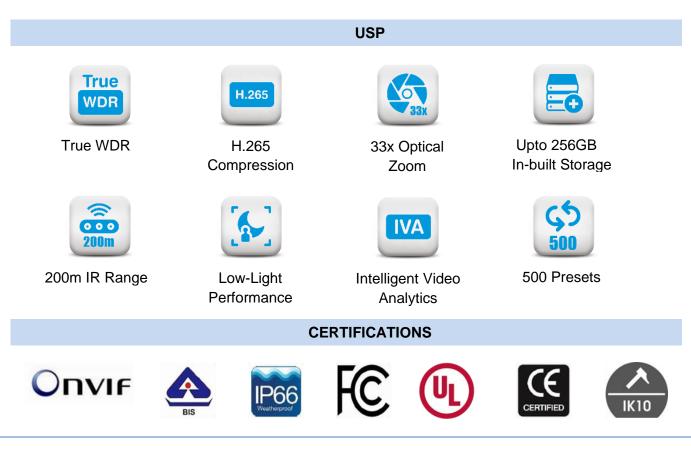SECURITY SOLUTIONS

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Matrix has introduced Pan Tilt Zoom (PTZ) Cameras that are designed for all round surveillance. A PTZ Camera works by moving the camera in different directions (Pan and Tilt) to get the whole picture of the surveillance area and zooming in for further details of the security events. The Pan, Tilt, and Zoom mechanism of PTZ cameras allow it to monitor large areas with greater details. Furthermore, the camera is powered by True WDR algorithm, which ensures evenly balanced images even in varying lighting conditions. The camera is loaded with smart monitoring features like moving to a particular preset position and easy integration through ONVIF making it an ideal product for maximum protection at minimal cost.

USP

True WDR	**H.265 Compression**	**33x Optical Zoom**	**Upto 256GB In-built Storage**
200m IR Range	**Low-Light Performance**	**Intelligent Video Analytics**	**500 Presets**

CERTIFICATIONS

Onvif BIS IP66 Weatherproof FC UL CE CERTIFIED IK10

Customer Care: **+91 265 613 7222**   E-mail: **Inquiry@MatrixComSec.com**   **www.MatrixVideoSurveillance.com**

Make in India

TECHNICAL SPECIFICATIONS	
CAMERA	
Image Sensor	1/ 2.8" CMOS
Signal System	PAL/ NTSC
Minimum Illumination	Color: 0.001 lux @ F 1.5, Black and White: 0 lux with IR
Shutter Speed	1s – 1/100000s
Day and Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	140dB
Optical Zoom	33x
Digital Zoom	16x
LENS	
Focal Length	4.6mm – 152mm
Zoom Speed	< 4s
Angle of View	Horizontal: 60° - 2.3° Vertical: 34.4° - 1.5°
Aperture Range	F1.5 -F4.0
PAN & TILT	
Pan Range	360°
Pan Speed	Pan Manual Speed:0.1°/s-180°/s; Pan Preset Speed 240°/s
Tilt Range	-15°-90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°/s - 120°/s; Tilt Preset Speed: 180°/s
3D Position	Yes
Presets	500
Preset Accuracy	±0.4°
Scan	8
Cruise	16, up to 32 preset per cruise
Pattern	8, each with 600s memory
Power Off Memory	Yes
ILLUMINATOR	
IR LED	10
IR Range	Up to 200m
IR irradiance Angle	Adjustable by Zoom
COMPRESSION STANDARD	
Video Compression	H.265/H.264/M-JPEG
Video Bitrate	32Kbps-16Mbps
Audio Compression	G.711a, G.711µ, ADPCM, AAC_LC
Audio Bitrate	8Kbps – 48Kbps

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IMAGE	
Max Resolution	1920×1080
Mainstream	PAL: 50fps (1920×1080, 1080×720, 704×576, 640×480) NTSC: 60fps (1920×1080, 1280×720, 704×480, 640×480)
Sub Stream	PAL: 25fps (704×576, 704×288, 640×360, 352×240) NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
Third Stream	PAL: 25fps (1920×1080, 704×576, 704×288, 352×288) NTSC: 30fps (1920×1080, 704×480, 704×240, 352×240)
Image Setting	Saturation, Brightness, Contrast, Sharpness (Adjustable by Web Browser)
Image Enhancement	BLC/3D DNR/HLC
ROI	7 Dynamic Areas for both Main and Substream, Support Auto Tracking ROI
OSD	16×16, 24×24, 32×32, 48×48, 64×64, 96×96. Total 5 Regions
Picture Overlay	Yes
Privacy Mask	24
Smart Defog	Yes
FEATURE	
Alarm Trigger	Motion Detection, Network Disable Alarm, IP Conflict, MAC Conflict Detection
Video Analytics	Tripwire, Perimeter Object Abandon, Object Lost, Loitering, Video Abnormal, Audio Abnormal
NETWORK	
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPv4, IPv6, Multicast, RTMP
System Compatibility	ONVIF Ready
Remote Connection	≤7
INTERFACE	
Communication Interface	1 RJ45 10/100 Self Adaptive Ethernet Port
Audio	1/1
Alarm	8/2
Reset Button	Yes
On Board Storage	Built in Micro SD card slot up to 256GB
GENERAL	
Webpage Language	15 Languages
Operating Conditions	(-40) °C +70°C (IR off), (-40) °C - 40°C
Power Supply	AC24V/POE++
Power Consumption	22W (IR off); 44.2W (IR on)
Protection	IP67, IK10
Heater	N/A
Dimension	Φ 222×372mm (Φ 8.74× 14.65 inch)
Weight	5.3 Kg

Note: Specifications are subject to change without prior notice

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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