

# SATATYA CIDRP20VL130CW

2MP PTZ



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Matrix project series IP Cameras are built using superior components 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, Automatic Motion based Frame Rate Reduction save bandwidth and storage up to 50%.

## USP



IVA



HIGHER FIELD  
OF VIEW



DIGITAL WDR



NAS

## CERTIFICATION



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## TECHNICAL SPECIFICATIONS

### CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	1920×1080 (2MP)
Min. Illumination	0.05Lux (F1.6, AGC ON) for Colour, 0Lux with IR, 0.01Lux (F1.6, AGC ON) for B/W
White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight Lamp/Sodium Lamp
AGC	Auto/Manual
S / N Ratio	≥ 50Db
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Digital WDR
Shutter Speed	1 ~ 1/10,000s
Day & Night	IR Cut Filter
Zoom	30X Optical , 16X Digital
Back Light Compensation	BLC/HLC
Privacy Masking	8 Privacy Masks Programmable
Focus Mode	Auto/Semi-Automatic/Manual
Audio Compression	G.711u/G.711a/G.726/MP2L2
Focal Length	4.3 ~ 129mm, 30x
Zoom Speed	Approx. 3s(Optical Wide-Tele)
Angle of View	65.1 ~ 2.34 degree (Wide-Tele)
Min. Working Distance	10 ~ 1500mm(Wide-Tele)
Aperture Range	F1.6 ~ F5.0
Pan/Tilt Range Pan	Pan: 360° endless; Tilt: -15° ~ 90° (Auto Flip)
Pan/Tilt Speed	Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1° ~ 120°/s, Tilt Preset Speed: 200°/s
Pre-set Position	256
IR Distance	Up to 100m
IR Intensity	Automatically Adjusted, Depending on the Zoom Ratio

### AUDIO AND ALARM INTERFACE

Audio Input	1 Mic in/Line in Interface, Line Input: 2 ~ 2.4V[p-p]; Output Impedance: 1KΩ, ±10%
Audio Output	1 Audio Output Interface, Line Level, Impedance: 600Ω
Alarm Input	2 (0-5v DC)
Alarm Output	1 relay output, alarm response actions configurable
Alarm Trigger	Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Actions	Preset, Patrol, Pattern, Recording, Relay output, Upload center, upload FTP, email linkage

### NETWORK

Ethernet	10Base-T / 100Base-TX, RJ45 Connector
Max. Image Resolution	1920×1080 (2MP)

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Frame Rate	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720) 60Hz: 30 fps (1920×1080), 30 fps (1280×960) , 30 fps (1280×720)
Image Compression	H.264/MJPEG
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 6
Streams	Dual streams
Mini SD Memory Card Micro SD Slot	Up to 128GB
User/Host Level	Up to 32 users, 3 Levels: Administrator, Operator, User
Security Measures User Authentication	(ID and PW), Host Authentication (MAC address), IP Address Filtering
Firmware Update	Through Web Browser/Online
Password Protection Available	Available
<b>GENERAL</b>	
Application Programming	Open-ended API, Support ONVIF, PSIA and CGI
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+
Power	24 VAC, max. 30W
Working Temperature	-30 °C ~ 65°C(-22°F ~ 149°F)
Humidity	90% or Less
Protection Level	IP66, TVS 4,000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions	Φ220×353.4mm (Φ8.66"×13.91")(Outdoor)
Weight	Approx. 5.5kg(12.13lbs)
Mount Option	Long-arm Wall Mount, Pole Mount
Certifications	UL, FCC, CE, RoHS, ISO 9001:2000

## 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.