

2MP Vehicle Camera

SC-IDA20PT-R3L

Key Features

- 1/2.7" MP Progressive scan CMOS
- Support low bit rate, low delay and ROI enhance coding
- Multiple Streaming
- H.265+ high effective compression, save bandwidth and Storage space
- Multiple compression techniques H.265+/H.264+/MJPEG
- Support 3D digital, HLC, BLC
- Support bi-directional talk
- IP67 Complaint

Product Specifications

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	1,945(H) x 1,109(V) 2.16M
Electronic Shutter	1/1-1/20,000s
Min. illumination	Color:0.01Lux@ (F1.2, AGC ON), B/W:0.01 Lux@ (F1.2, AGC ON), 0 Lux@ IR ON
S/N Ratio	65dB
Min Object Distance	1m
IR Range	Up to 30 meters
IR On/Off Control	Auto/ Manual
Pan/Tilt/Rotation Range	Pan:0°~360°, Tilt:0°~90°, Rotation:0°~360°

Lens

Lens Mount	M14
Focal Length	3.6mm (Optional: 2.8mm, 6mm)
F Number	F1.6
Angle of View	3.6mm- Horizontal Angle- 81°, Vertical Angle- 64°, Diagonal Angle- 81°) (Optional 2.8mm - Horizontal Angle- 94°, Vertical Angle- 72°, Diagonal Angle- 100°) 6mm- Horizontal Angle- 53°, Vertical Angle- 41°, Diagonal Angle- 64°)
Iris Control	Fixed
Focus Control	Fixed

Video

Compression	H.265+/H.264+/MJPEG
Max. Resolution	1920×1080
Streaming Capability	Multiple Streams
Stream / Frame Rate	Stream1: 1080P/720P @1~30fps Stream2: 1080P/720P/D1/VGA/640×360/CIF/QVGA @1~30fps Stream3: CIF/QVGA @1~15fps (Optional)
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 10kbps~3Mbps
Day/Night	ICR, Auto, Manual
Signal System	PAL/NTSC
Image Enhancement	HLC / BLC / Defog
WDR	Up to 120dB
White Balance	Support
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR

Digital Image Stabilization (DIS)	Support
Mirror	ON/OFF
Region of Interest	Support
Motion Detection	Support, 4 Zones
Privacy Masking	Support, 4 Zones
Text Overlay	Channel Title, Date & Time, Custom Text
Audio	
Compression	G.711A, G.711Mu (G.711μ), G.726(ADPCM)
Network	
Network Storage	NAS (Support FTP), FTP
Alarm Trigger	Motion detection, tampering alarm, Alarm alerts, network disconnect, IP address conflict, storage exception
Protocols	IPv4, IPv6, TCP/IP, ICMP, ARP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, RTMP, Bonjour
Streaming	Unicast and Multicast
Web Server	Internal webserver with embedded operating system
General Function	User Authentication, Watermark, IP address filtering, automatically detect the camera, configure the network settings
System Compatibility	ONVIF (Profile S), ONVIF (profile G), ISAPI, CGI, PSIA
Max User Access	20
Cyber Security	AES, SSL, OWASP Application Security Verification Standard version 4.0 - Level 2 Complaint
Interfaces	
Ethernet	1 x M12 Connector, 1x RJ45 10/100M adaptive Ethernet interface
Audio	1 Audio Input; 1 Audio Output, Support Two-Way Audio
Alarm	1 Alarm input; 1 Alarm output
SD card	Support Max 256GB, Micro SD (SDHC /SDXC) card local storage
RS485	1 Port (Optional)
GENERAL	
Operating Conditions	-40 °C ~ 70 °C Humidity 95% or less (non-condensing)
Storage Conditions	-50°C ~ 70 °C Humidity 95% or less (non-condensing)
Ingress protection	IP67 Complaint, IP66 Certified: EN/IEC 60529
Vandalism protection	IK10, IEC 62262:2002, IS 9000-7-7:2006
Power Supply	Wide voltage Range from DC 12V - DC48V, PoE (Power from mNVR)
Power Consumption	Max 3.5W
Dimension & Weight	140mm x 140mm x 120mm, 400 g
Product Certification	Safety: CE, FCC, EN:60950-1, IS 13252 (Part 1):2010, IEC 60950-1:2005, BIS Registered, MIL-STD-810, JSS:55555, EN 50155

*Note: Product design specifications and colors are subject to change without notice to improve Reliability, Function or Design or otherwise. Errors and omissions excepted.

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