

Network Camera

GUARDIANX[®] SERIES

AI CAMERA

Meet the GuardianX Series AI Camera 5MP Metal Dome Camera — precision in simplicity. With high-res clarity and discreet design, it seamlessly fits indoor industrial spaces. Advanced AI ensures precise object detection and real-time alerts, setting a new standard for professional-grade security. Elevate your surveillance with GuardianX Series AI Camera.

MODEL NO: TS-CPRO-VDMD758



Main Features

- 5MP HD resolution, clear and fine images.
- Support 2D/3D noise reduction, digital wide dynamic.
- Advanced H.265 video compression.
- Support sound and light linkage alarm.
- Support image shutter, can cover the privacy area.
- Support D-WDR, 3D-NR, BLC, Auto-White balance for different environments.
- Professional anti lightning, conform to GB/T17626.5 and IEC61000 4 5.
- Support cloud technology, easy to achieve network penetration, from in line and alarm information pushed.



Specifications

Camera	
Model No	TS-CPRO-VDMD758
Image Sensor	1/2.9" image sensor
Min.Illumination	color 0.0001Lux@F1.2,black/white 0.0001Lux@F1.2
Lens	Fixed lens
D&N	Support D/N switching(IR-CUT optional)
Wide dynamic	Support digital
D-WDR	Support D-WDR
IR Led Control	IR, auto/manual/off, support 0-100 brightness adjust
Digital Noise Reduction	3D DNR
3D DNR	Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Mirror	Off/horizontal mirror/vertical mirror/180° flip
Lens Type	3.6mm Fixed Lens
Intelligent function	
Electronic fence	Support humanoid and vehicle detection, When enter into warning area, camera will be alarm
Cross-border detection	Support humanoid and vehicle detection, Support A→B、B→A、A↔B direction detection
Departure detection	Set the detection area, the device will alarm after the personnel leave for a certain period of time, and the alarm will stop after returning
Passenger flow statistics	Supports the detection of the number of people entering and leaving
Voice broadcast	Support linkage voice broadcast, voice content can be customized recording
Light alarm	Support linkage equipment lighting alarm function
NVR linkage	Support large-screen linkage video recorder, local voice, AI recording, push and other functions
Audio & Video Encoding	
Max. Resolution	4K(3840*2160)
Main Stream	4K(3840*2160)/5MP(2880*1624)/4MP(2560*1440)/3MP(2304*1296)/ 2MP(1920*1080)
Sub Stream	720P(1280*720)/448P(800*448)/D1(704*576)/360P(640*360)/(Default 448P) Sub-stream 2 : 360P(640*360)/CIF(352*288)
Framerate	5MP 20fps, 4MP 25fps, 3MP 30fps
Video adjustment	Brightness, saturation, chroma, contrast and sharpness adjustment
Video Code Rate	Fixed code rate, variable code rate(main stream:160Kbps-4000kbps)
Audio Standard	G.711,support bidirectional talk,audio&video synchronization
Voice Announcements	Support voice broadcast after human detection.
Bit Rate Control	CBR/VBR

Specifications

Network	
Network protocol	ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, IP Filter
Access protocol	Support ONVIF/private protocol/CGI
Security Mode	Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification
Max users	4 (2 main stream, 2 sub stream)
Motion Detection	Set detection area, can set multi-level sensitivity
Privacy Mask Alarm	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for ONVIF
Privacy Mask	Support 4 areas
Schedule Linkage	Snapshot, email
Device Abnormal Inspection	Support network broken alarm, IP conflict alarm, illegal visiting alarm
Network Storage	Support 1 area
Client	VMS
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+
Intelligent (Traditional Algorithm)	
Basic Event	Support WEB, OSD, live video transmission, motion detect and IO alarm, front-end storage/playback/download, and center reminder and image linkage, support JPEG
Human detection	It supports human detection and can detect human shape for intelligent alarm.
General	
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	DC12V /PoE (option)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, reverse polarity protection
Power Consumption and Current	12 VDC, 0.9 A, max. 10.8 W
Material	Metal
Software Reset	Yes
Approval	
EMC	FCC (FCC/23M02012); CE
Safety	UL/23M02014; BIS IS 13252(PART 1):2010/ IEC 60950-1 : 2005 : IP67
Environment	CE-ROHS
Ingress Protection	Weather Proof IP66;IK10
Warranty	
Product Warranty	5 Years