Videosec®

4MP AI Super Starlight Smart IP Bullet Network Camera

IPW-264SA-DZK

Key Features

| Ultra H.265 | Large target surface and aperture | Smart IR | Deep Face Capture | Deep Perimeter | Deep People Counting | IP 67 | IK 10 |

Optics

- 1/1.8'', Powered by Lighthunter
- Smart IR, up to 50m IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Adaptive fogging

Smart

- Chipset with neural network inference engine (NNIE)
- Combine powerful deep learning algorithm and abundant data to realize target classification
- Face metering, intelligent adjustment of face brightness
- Capture snapshot from faces upon successful recognition or triggered by alarm input
- Automatic selection of best snapshots from detected face, up to 40 faces detection in same time
- People Counting based on face detection
- Perimeter Protection, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Detect target configuration, Vehicle, human, non-vehicle
- Exception Detection and Statistics, include Object Moving, Object Left, Defocus, Scene Change

Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 2688*1520@30fps in the main stream
- ROI (Region of Interest)

Network

- ONVIF Conformance

Structure

- DC12V or AC24V or PoE power supply
- Wide voltage range of ±25% in 24 VAC, -10%~+25% in 12 VDC
- Micro SD, up to 256 GB
- Alarm 2 in and 1 out, Audio 1 in and 1 out
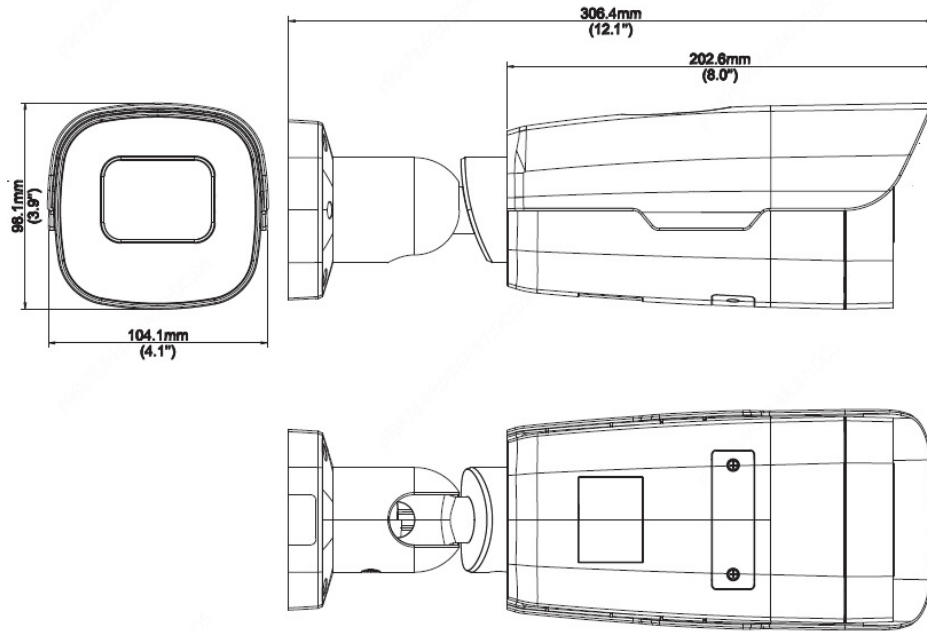- IP67 ingress protection
- IK10 vandal resistant

Specifications

	IPW-264SA-DZK				
Camera					
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8-12mm@F1.2, AF automatic focusing and motorized zoom lens				
Iris	Auto aperture				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
	12	180	72	36	18
Angle of View (H)	35.6°~107.9˚				
Angle of View (V)	20.4°~75.4˚				
Angle of View (O)	43.8°~140.3°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Min. Illumination	Colour:0.0005lux (F1.2, AGC ON) 0 lux with IR				
WDR	120dB				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>55dB				
IR Range	Up to 50m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 2MP (1920*1080), Max 60fps Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps				
Video Bit Rate	128 Kbps~16 Mbps				
ROI	Supported				
Video stream	Triple streams				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas (8 blacks / 4blacks+4mosaic)				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
HLC	Support				

BLC	Support
Smart	
Behavior Detection	Support false alarm filtering，Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection；Motion detection
Exception Detection And Statistics	Object Moving, Object Left, Defocus, Scene Change
Recognition	Face detection, support collecting 3 kinds of face attributes includes Age, Gender, Glasses (max 40 face capture at same time) Automatic selection of best snapshots from detected face Audio detection
Statistical Analysis	People counting
Deap learning intelligence	Smart intrusion prevention, People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Two way audio	Supported
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	GuarStation GuardView GuardLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Network	1 x RJ45 10M/100M Base-TX Ethernet
Serial Port	1 x RS485
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC12V (-10%~+25%), AC24V±25%, PoE (IEEE802.3at)
	Power consumption: Max 13.3W
	Support overcurrent protection , Input short circuit protection
Dimensions (L x W x H)	306.4x104.1x98.1mm
Net Weight	1.65kg
Material	Sun shield：plastic Front cover：plastic Body：metal Bracket：metal

Working Environment	-30℃~60℃, Humidity: ≤95% RH (non-condensing)
Storage Environment	-40℃~70℃, Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Vandal Resistant	IK10
Ingress Protection	IP67

Dimensions

Accessories

TR-JB07-D-IN	TR-JB06-A-IN	TR-UP06-B-IN	TR-UP06-C-IN	TR-A01-IN

Pole mount with junction box	Pole Mount without junction box
TR-JB07-D-IN(TR-JB06-A-IN)+ TR-UP06-C-IN	TR-UP06-B-IN