

PT-NC356P6-IZSCKV (D2T) 4MP AI Sense IR Varifocal Bullet Network Camera

Overview

Aisense technology embedded by advanced AI algorithms, helps to distinguish people and vehicles from other moving objects. Aisense series products are perfect choices for an accessible and intelligent security system.

The system enables customers to focus resources on real threats by minimizing false alarms triggered by animals and other moving objects.



Aisense



Key Features

- High quality imaging with 4 MP resolution with sunshield
- Excellent low-light performance
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Focus on alarm reduction through human and vehicle target classification
- Audio and alarm interface available
- Motorized varifocal lens for easy installation
- Water and dust resistant (IP67) and vandal-resistant (IK10)

Specification

Camera	
Image Sensor	1/2.8 inch Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Colour: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Motorized varifocal lens, IR corrected, 7 to 35 mm
Focal Length & FOV	Horizontal FOV 28.7° to 10.5°, vertical FOV 16° to 6°, diagonal FOV 33.1° to 12.1°
Lens Mount	Integrated
Iris Type	Fixed
Aperture	F1.6
DORI	
DORI	D: 218 to 580 m, O: 86 to 230 m, R: 43 to 116 m, I: 21 to 58 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 80 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 1 fps (1280 × 720, 640 × 360) 60 Hz: 1 fps (1280 × 720, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
e-PTZ	Support Patrol and Auto Tracking settings
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes

Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, SRTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T)
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, name, date and time superimposed, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)
IP address	Static/ Dynamic
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end memory card, memory card encryption and health detection are supported.
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support micro SD/micro SDHC/micro SDXC card, up to 512 GB
Audio	1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)
Reset Key	Yes
Event	
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), scene change detection
Face Capture	Yes

Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning
General	
Power	12 VDC \pm 25%, 1.08 A, max. 13 W, two-core terminal block, reverse polarity protection PoE: IEEE 802.3at, Class 4, max. 15 W
Material	ADC12
Dimension	\varnothing 144.1 mm \times 345.7 mm (\varnothing 5.7 inch \times 13.6 inch)
Package Dimension	385 mm \times 190 mm \times 180 mm (15.2 inch \times 7.5 inch \times 7.1 inch)
Weight	Approx. 1445 g
With Package Weight	Approx. 2571 g
Storage Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
General Function	Heartbeat ,anti-flicker, mirror, flash log, password reset via email, pixel counter
Protection	IP67, IK10
Certification	BIS, CE, FCC, RoHS

*Specifications are subject to change without prior notice. *Product picture may differ as per actual.

Available Model

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Dimension

