

IPC675AI-PTZ NDAA

NDAA Prime 5MP Active Deterrence Network Mini PTZ Camera with Human/Vehicle Detection



Outstanding Features

- High accuracy human/vehicle detection by AI deep learning technology
- Dramatically reduce false alarms by filtering out non-human/vehicle triggered motion detections
- Active deterrence with built-in red/blue light, strobe light and loud speaker
- 5 megapixels (5MP (2880*1620) resolution at 30fps
- 2.8-12mm zoom lens, 0°~345° Pan movement, -10~110° Tilt movement
- Up to 50 meters (164ft) IR distance, 10 meters (33ft) warm white light distance and red/blue alarm light
- Programmed sound by WEB access
- Remote access by WEB / VMS station / Mobile App
- 120dB True WDR, excellent low light performance, POE/DC 12V, outdoor rated
- Compact dimension $\Phi 133\text{mm} \times 269.4\text{mm}$ ($\Phi 5.2'' \times 10.6''$)

Specifications

Camera	
Sensor	1/2.7" CMOS
Min. Illumination	Colour:0.003 lux (F1.6, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	>52 dB
Lens	
Focal Length	2.8 to 12 mm
Optical Zoom	4X
Iris	F1.6
Field of View (H)	104.1° ~ 30.6°
Field of View	(V) 54.9° ~ 17.4°
Field of View (D)	108.3° ~ 34.4°
DORI	
DORI Distance (Lens)	2.8~12(mm)
DORI Distance (Detect)	63.0m~270.0m(206.7ft~885.8ft)
DORI Distance (Observe)	25.2m~108.0m(82.7ft~354.3ft)
DORI Distance (Recognize)	12.6m~54.0m(41.3ft~177.2ft)
DORI Distance (Identify)	6.3m~27.0m(20.7ft~88.6ft)
Illuminator	
Illumination Distance (Warm Light)	10 m (32.8 ft)
Illumination Distance (IR)	50 m (164.0 ft)
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5MP (2880*1620), Max 30fps Sub Stream: 720P (1280*720), Max 30fps Third Stream: D1 (720*576), Max 30fps
Video Bit Rate	128 Kbps to 16 Mbps

Specifications

Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
OSD	Up to 8 OSDs

Image

Defog	Digital defog
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°
HLC	Support
BLC	Support
Heatwave Reduction	N/A

Intelligent

Intelligent	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Auto Tracking	Support, target filtering: human only
People Counting	Support people flow counting and crowd density monitoring

Events

Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change, Defocus detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication

Audio

Audio Compression	Audio Compression
Two-way Audio	Support
Suppression	Suppression
Sampling Rate	8 kHz

Storage

Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)

Specifications

PTZ	
Pan Range	0° ~ 345°
Pan Speed	0.1°/s ~ 50°/s
Tilt Range	-10° ~ 110°
Tilt Speed	0.1°/s ~ 40°/s
Number of Presets	256
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120 s to 1800 s
Home Position	Support
Network	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
Client	EZStation, UNV-Link, UNV-Link Pro
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Certification	
EMC	CE-EMC (EN55032:2015, EN55024:2010+A1:2015, EN55035:2017, EN61000-3-2:2014, EN61000-3-3:2013) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC12V(±25%), PoE(IEEE 802.3af)
Power Consumption	MAX 18W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (L x W x H)	133 x 185 x 276 mm (5.2" x 7.3" x 10.9")

Specifications

Weight	0.87 kg (1.92lb)
Working Environment	-20 °C to 60 °C (-4 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	2 KV
Reset Button	Support
Web Client Language	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak

Dimension

