UNV

3MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, warm light(IR))
PKC2630@Z28(-IR)-P

NDAA COMPLIANT
NATIONAL DEFENSE AUTHORIZATION ACT

3 MP | Starlight | H.265 | PoE | IP67

IK10 | Onvif | ANPR

Features

- ●Features
- Optics
- Built-in lens supports motorized zoom to adapt to different scenes and allows for easy installation.
- Automatic gain control, white balance, and WDR for various light conditions.
- Compression
- Supports triple streams.
- Advanced H.265 encoding technology improves compression efficiency.
- Custom OSD allows various vehicle information to be overlaid on the video image.
- Functions
- Built-in vehicle and license plate recognition algorithm can recognize standard license plates of multiple countries.
- Supports capturing vehicle head only.
- Supports plate allowlist and blocklist configuration.
- Supports vehicle access control when connected to a barrier.
- Supports Micro SD cards of up to 256GB.
- Automatic network replenishment (ANR) allows to automatically store video to SD card in case of network disconnection.
- Supports audio collection and intercom.
- Network
- Network auto-adaptability ensures smooth live video in relatively bad network conditions such as packet loss.
- Supports SNMP.

- Supports UNP for NAT traversal between public and private networks.
- Supports integration with the third party via SDK or HTTP.
- Network Security
- Supports authorized user access by password. Weak password detection and account lock-up when failed login attempts reach the upper limit enhance password security.
- Supports Web access via HTTPS.
- RTSP authentication prevents unauthorized video stream requests.
- IP address filtering prevents illegal access from untrusted IP addresses.
- Gateway ARP protection prevents MAC address spoofing.
- Structure
- Supports DC 12V and PoE (802.3at) power supplies.
- Cast aluminum body offers excellent heat dissipation.
- 3-axis mounting bracket for various installation scenarios.
- A junction box on the mounting bracket is convenient for storing tail cables.
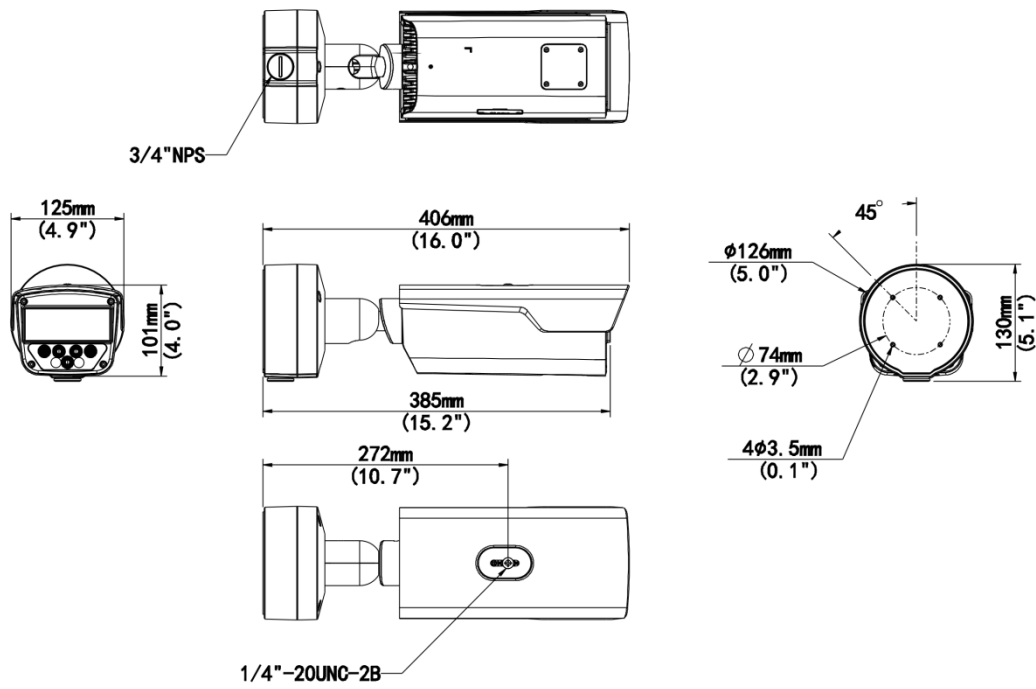- IP67 and IK10 protection.

Specifications

Model	PKC2630@Z28-P	PKC2630@Z28-IR-P	PKC2630@Z28-P	PKC2630@Z28-IR-P
Camera				
Sensor	1/2.8-inch 3MP CMOS			
Focal length	2.8 to 12mm			
Shutter	Auto/Manual, range: 1/30 to 1/100000s			
Minimum illumination	0.003lux (F1.4)	0.005lux (F1.6)	0.003lux (F1.4)	0.005lux (F1.6)
FOV	Horizontal FOV: 101° to 32.6°,Vertical FOV: 54.2° to 18.6°,Diagonal FOV: 119.5° to 35.7°			
WDR	120 dB			
Image				
Image collection format	2304*1296@30 (default), 2304*1296@25			
Frame rate	30 (default), 25, 22, 20, 18, 16, 15, 12.5, 10, 8, 6, 5, 4, 3, 2, 1			
Video compression	H.264 (default), H.265			
ROI	Supports up to 8 regions			
Video OSD	Supports 8 overlay areas and allows contents including date, time, date&time, zoom ratio, custom contents			
Image OSD	Supports 8 overlay areas and allows contents including time, license plate number, device ID, camera ID, allowlist, image authentication ID, custom contents (3 items), location			
Display Parameters				
Resolution	Main stream: 2304*1296,1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF			
Smart				
Application scenario	≤ 30km/h for entrances and exits, ≤ 80km/h for regular roads;Supports simultaneous application to road and entry/exit scenes without switching			
Vehicle detection mode	Supports video detection			
License plate number recognition	Supports recognition of license plates with numbers and letters by default			

List configuration	Supports allowlist and blocklist configuration, each list allows 20,000 itemsSupports import, export, add, and delete operations
Barrier opening policy	Open barrier only for the recognized vehiclesOpen barrier for all vehiclesOpen barrier only for vehicles on the allowlistOpen barrier for vehicles not on the blocklistConfigurable Boolean output ID

Storage	
Edge storage	Supports ANR with a Micro SD card, up to 256GB

Structure				
Illumination	Built-in integrated illumination module, including 4 warm light LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 4 IR LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 4 warm light LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 4 IR LEDs, 50m illumination distance, automatic on/off control
Bracket	3-axis mounting bracket			
Junction box	The camera comes with a junction box for storing tail cable			

Interface	
BNC	PAL,NTSC
Network interface	1×10M/100M RJ45
Serial port	1 × RS485
Boolean output	1 relay output, withstand voltage: AC 125V/0.3A, DC 30V/1A
Boolean input	2 x input, supports level (up to DC 5V) and switch signal
Audio interface	1 × audio input, 1 × audio output
Storage interface	1 × Micro SD card slot
Reset button	Support

Network	
Protocols	IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTSP,DNS,DDNS,NTP,UPnP,HTTP,HTTPS,802.1x,SNMP,QoS,SSL/TLS,IPv4,IPv6,SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T),SDK,API

General	
Weight	2.1kg
Ingress protection	IP67, IK10
Power supply	DC12V + 25% - 10%Max. power consumption: 20WSupports PoE (802.3at, class 4)
Dimensions (L×W×H)	406mm x 126mm x 130mm
Operating environment	-40℃ to 60℃, ≤90% RH
Heater	N/A

Compliance	
NDAA Compliant	Support

Certification	
EMC	CE-EMC (EN 55032:2015+A11:2020+A1:2020,EN 61000-3-3:2013+A1:2019+A2:2021,EN IEC 61000-3-2:2019+A1:2021, EN 50130-4:2011+A1:2014)FCC(FCC CFR 47 part15 B,ANSI C63.4 2014)
Safety	EN IEC 62368-1:2020+A11:2020UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)

Environment	CE-RoHS (2011/65/EU;(EU)2015/863);WEEE (2012/19/EU)
Protection	IP67(IEC60529:1989+AMD1:1999+AMD2:2013)IK10(IEC 62262:2002+AMD1:2021)

Dimensions

Accessories

TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction

Box Only

Ordering Info

Product Model	Config	Description
PKC2630	Z28-P	3MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, warm light)
	Z28-P	3MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, warm light)
	Z28-IR-P	3MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, IR)

	Z28-IR-P	3MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, IR)

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