4MP LPR Bullet Camera (PoE, H.265, IR (warm light))

PKC2641-Z28 (Z80, Z100)-(IR)-P

Specifications

Model	PKC2641-Z28-P	PKC2641-Z28-IR-P	PKC2641-Z80-IR-P	PKC2641-Z80-P	PKC2641-Z100-P	PKC2641-Z100-IR-P
Camera						
Sensor	1/1.8-inch 4MP CMOS					
Focal length	2.8 to 12mm	2.8 to 12mm	8 to 32mm	8 to 32mm	10 to 50mm	10 to 50mm
Shutter	Auto, range: 1/200 to 1/100000s	Auto, range: 1/200 to 1/100000s	Auto, range: 1/500 to 1/100000s	Auto, range: 1/500 to 1/100000s	Auto, range: 1/500 to 1/100000s	Auto, range: 1/500 to 1/100000s
Minimum illumination	0.0005lux (F1.4)	0.0005lux (F1.4)	0.002lux (F1.7)	0.002lux (F1.7)	0.002lux (F1.7)	0.002lux (F1.7)
FOV	Horizontal FOV: 106.4° to 50.3°, Vertical FOV: 57.1° to 27.8°, Diagonal FOV: 127.4° to 57.3°	Horizontal FOV: 106.4° to 50.3°, Vertical FOV: 57.1° to 27.8°, Diagonal FOV: 127.4° to 57.3°	Horizontal FOV: 42° to 15.5°, Vertical FOV: 23.1° to 8.8°, Diagonal FOV: 48.5° to 18.3°	Horizontal FOV: 42° to 15.5°, Vertical FOV: 23.1° to 8.8°, Diagonal FOV: 48.5° to 18.3°	Horizontal FOV: 34.3° to 8.7°, Vertical FOV: 19.9° to 4.8°, Diagonal FOV: 40.5° to 9.8°	Horizontal FOV: 34.3° to 8.7°, Vertical FOV: 19.9° to 4.8°, Diagonal FOV: 40.5° to 9.8°
WDR	120 dB					
S/N	> 50 dB					

Image

Image collection format	2688*1520@60,2688*1520@50,2688*1520@30 (default),2688*1520@25
Frame rate	60, 50, 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
HLC	Support
BLC	Support
Defog	Digital defog
Digital Noise Reduction	3D DNR
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: 2688*1520, 1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF

Smart

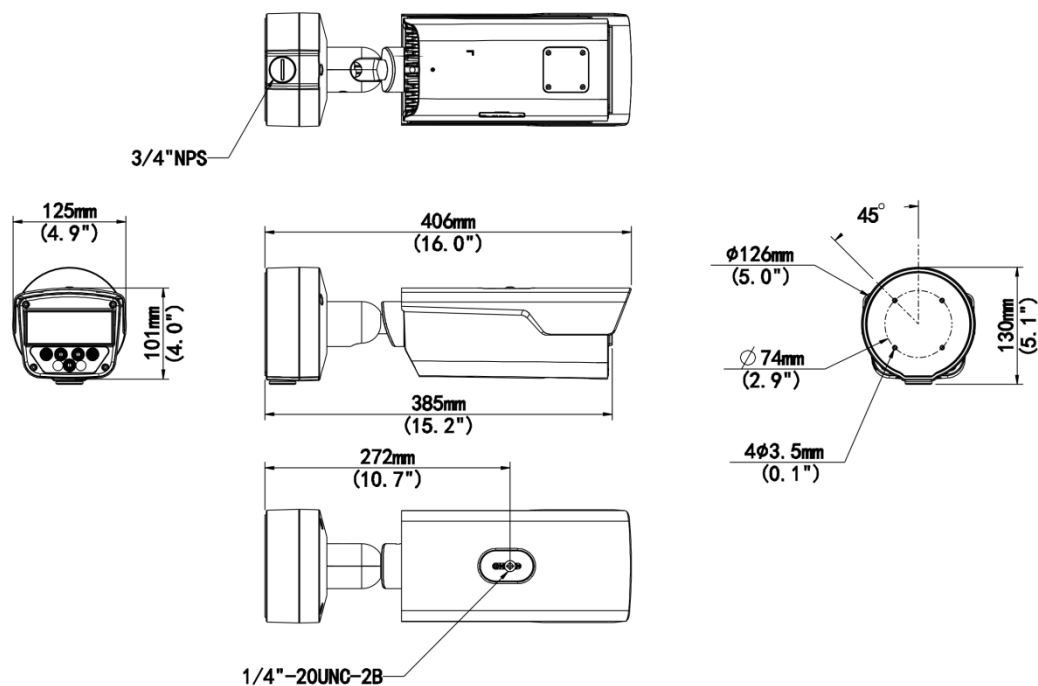|						
Application scenario	≤ 30km/h for entrances and exits, ≤ 80km/h for regular roads; Supports simultaneous application to road and entry/exit scenes without switching	≤ 30km/h for entrances and exits, ≤ 80km/h for regular roads; Supports simultaneous application to road and entry/exit scenes without switching	≤ 80km/h for regular roads; Camera with the focal length of 8 to 32mm can be used for regular roads	≤ 80km/h for regular roads; Camera with the focal length of 8 to 32mm can be used for regular roads	≤ 80km/h for regular roads; Camera with the focal length of 10 to 50mm can be used for regular roads	≤ 80km/h for regular roads; Camera with the focal length of 10 to 50mm can be used for regular roads
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 items Supports import, export, add, and delete operations					
Barrier opening policy	Open barrier only for the recognized vehicles Open barrier for all vehicles Open barrier only for vehicles on the allowlist Open barrier for vehicles not on the blocklist Configurable Boolean output ID					

Storage

Edge storage	Supports ANR with a Micro SD card, up to 512GB					

Structure

Illumination	Built-in integrated illumination module, including 4 warm light LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including4 IR LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 5 IR LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 5 warm light LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 5 warm light LEDs, 50m illumination distance, automatic on/off control	Built-in integrated illumination module, including 5 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					

Network

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

Interface

Network interface	1×10M/100M RJ45					
Serial port	2 × RS485					
Boolean output	2 relay outputs, 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					

Hardware Specification

Wiegand Interface	Supports Wiegand output					

General

Weight	1.87kg	1.87kg	1.91kg	1.91kg	2.02kg	2.02kg
Ingress protection	IP67, IK10					
Power supply	DC12V + 25% - 25% Max. power consumption: 20W Supports 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+A11:2020 UL (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

3/4"NPS

125mm (4.9")
101mm (4.0")

406mm (16.0")
385mm (15.2")

272mm (10.7")
1/4"-20UNC-2B

45°
ø126mm (5.0")
ø74mm (2.9")
4ø3.5mm (0.1")
130mm (5.1")

Accessories

TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction

Box Only

Ordering Info

Product Model	Description
PKC2641-Z28-P	4MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, warm light)
PKC2641-Z80-P	4MP LPR Bullet Camera (8 to 32mm, PoE, H.265, warm light)
PKC2641-Z100-P	4MP LPR Bullet Camera (10 to 50mm, PoE, H.265, warm light)
PKC2641-Z28-IR-P	4MP LPR Bullet Camera (2.8 to 12mm, PoE, H.265, IR)

| PKC2641-Z80-IR-P | 4MP LPR Bullet Camera (8 to 32mm, PoE, H.265, IR) |
| PKC2641-Z100-IR-P | 4MP LPR Bullet Camera (10 to 50mm, PoE, H.265, IR) |