

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

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



## Features

- 1/1.8" progressive scan CMOS.
- Up to 2688 × 1520 resolution with real-time video.
- Supports Wise-ISP for enhanced image quality.
- Automatic gain control, white balance, and WDR for various light conditions.
- Video frame rate upgraded to 60 fps.
- Built-in vehicle and license plate recognition algorithm can recognize standard license plates of multiple countries.
- Supports plate allowlist and blocklist configuration.
- Supports Micro SD cards of up to 512GB.
- IP67 and IK10 protection.

## Specifications

Model	PKC2641-Z100-P	PKC2641-Z28-P	PKC2641-Z28-IR-P	PKC2641-Z80-IR-P	PKC2641-Z80-P	PKC2641-Z100-IR-P
Camera						
Sensor	1/1.8-inch 4MP CMOS					

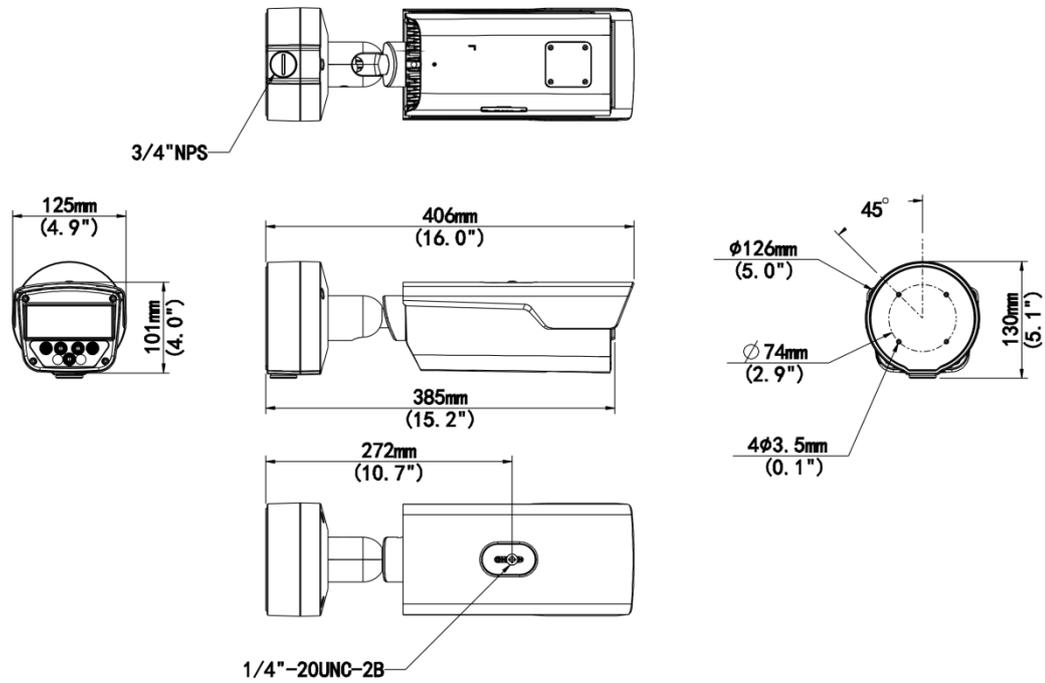
Focal length	10 to 50mm	2.8 to 12mm	2.8 to 12mm	8 to 32mm	8 to 32mm	10 to 50mm
Shutter	Auto, range: 1/500 to 1/100000s	Auto, range: 1/200 to 1/100000s	Auto, range: 1/200 to 1/100000s	Auto, range: 1/500 to 1/100000s	Auto, range: 1/500 to 1/100000s	Auto, range: 1/500 to 1/100000s
Minimum illumination	0.002lux (F1.7)	0.0005lux (F1.4)	0.0005lux (F1.4)	0.002lux (F1.7)	0.002lux (F1.7)	0.002lux (F1.7)
FOV	Horizontal FOV: 34.3° to 8.7°, Vertical FOV: 19.9° to 4.8°, Diagonal FOV: 40.5° to 9.8°	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°
WDR	120 dB					
Image						
Image collection format	2688*1520@60,2688*1520@50,2688*1520@30 (default),2688*1520@25					
Resolution	Main stream: 2688*1520, 1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF					
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					
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					
Smart						

Application scenario	<p>≤ 80km/h for regular roads; Camera with the focal length of 10 to 50mm can be used for regular roads</p>	<p>≤ 30km/h for entrances and exits, ≤ 80km/h for regular roads; Supports simultaneous application to road and entry/exit scenes without switching</p>	<p>≤ 30km/h for entrances and exits, ≤ 80km/h for regular roads; Supports simultaneous application to road and entry/exit scenes without switching</p>	<p>≤ 80km/h for regular roads; Camera with the focal length of 8 to 32mm can be used for regular roads</p>	<p>≤ 80km/h for regular roads; Camera with the focal length of 8 to 32mm can be used for regular roads</p>	<p>≤ 80km/h for regular roads; Camera with the focal length of 10 to 50mm can be used for regular roads</p>
Vehicle detection mode	Supports video detection					
License plate number recognition	Supports recognition of license plates with numbers and letters by default					
List configuration	<p>Supports allowlist and blocklist configuration, each list allows 20,000 items</p> <p>Supports import, export, add, and delete operations</p>					
Barrier opening policy	<p>Open barrier only for the recognized vehicles</p> <p>Open barrier for all vehicles</p> <p>Open barrier only for vehicles on the allowlist</p> <p>Open barrier for vehicles not on the blocklist</p> <p>Configurable Boolean output ID</p>					
Storage						
Edge storage	Supports ANR with a Micro SD card, up to 512GB					
Structure						

Illumi natio n	Built-in integrated illumination module, including 5 warm light 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	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 IR LEDs, 50m illumination distance, automatic on/off control
Brack et	3-axis mounting bracket					
Juncti on box	The camera comes with a junction box for storing tail cable					
<b>Network</b>						
Proto cols	IGMP,IPv6,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTSP,DNS,DDNS,NTP,UPnP,HTTP,HTTPS,802.1x,SNMP,QoS,SSL/TLS,SSH,IPv4					
<b>Interface</b>						
Netw ork interf ace	1×10M/100M RJ45					
Serial port	2 × RS485					
Boole an outpu t	2 relay outputs, withstand voltage: AC 125V/0.3A, DC 30V/1A					
Boole an input	2 x input, supports level (up to DC 5V) and switch signal					
Audio interf ace	1 × audio input, 1 × audio output					
Stora ge interf ace	1 × Micro SD card slot					
Reset butto n	Support					
<b>Hardware Specification</b>						

Wiegand Interface	Supports Wiegand output					
<b>General</b>						
Power supply	DC12V + 25% - 25% Max. power consumption: 20W Supports PoE (802.3at, class 4)					
Dimensions (LxWxH)	406mm x 126mm x 130mm					
Weight	2.02kg	1.87kg	1.87kg	1.91kg	1.91kg	2.02kg
Operating environment	-40°C to 60°C, ≤90% RH					
Ingress protection	IP67, IK10					
Heater	N/A					
<b>Compliance</b>						
NDAA Compliant	Support					

## Dimensions



## 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)

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