

## 4MP LPR Bullet Camera (8 to 32mm, PoE, H.265, warm light(IR)) PKC2641-Z80-(IR)-P



### Features

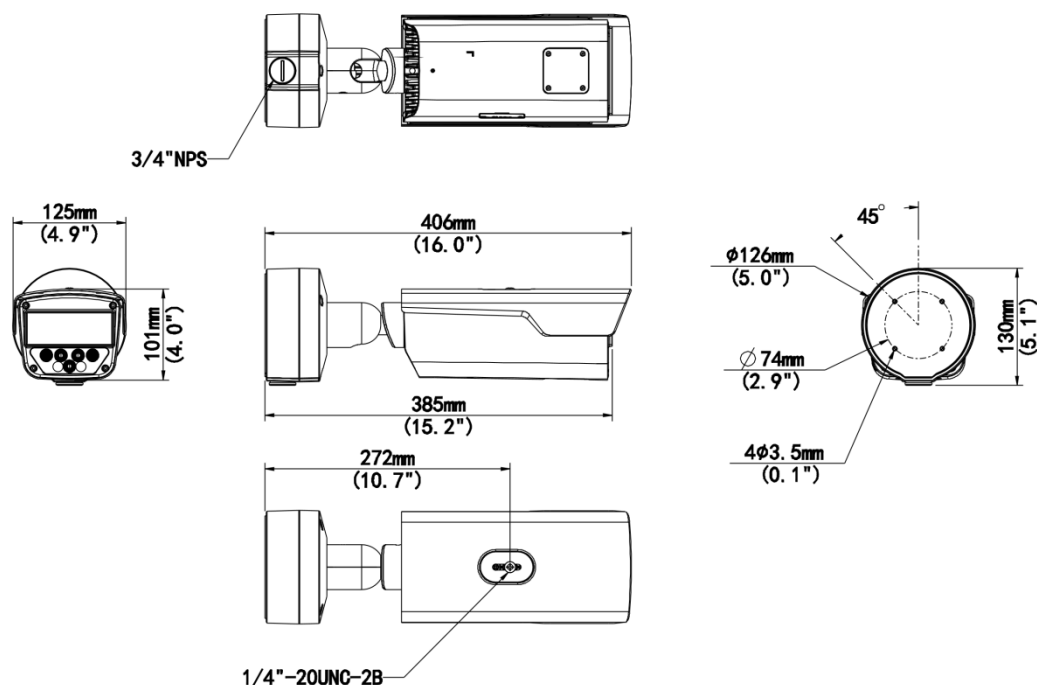
- 1/1.8" progressive scan CMOS.
- Up to 2688 × 1520 resolution with real-time video.
- Supports Wise-ISP for enhanced image quality.
- Automatic gain control, white balance, and WDR for various light conditions.
- Video frame rate upgraded to 60 fps.
- Built-in vehicle and license plate recognition algorithm 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-Z80-P                                                                                                                                                                                                         | PKC2641-Z80-IR-P |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Camera                           |                                                                                                                                                                                                                       |                  |
| Sensor                           | 1/1.8-inch 4MP CMOS                                                                                                                                                                                                   |                  |
| Focal length                     | 8 to 32mm                                                                                                                                                                                                             |                  |
| Shutter                          | Auto, range: 1/500 to 1/100000s                                                                                                                                                                                       |                  |
| Minimum illumination             | 0.002lux (F1.7)                                                                                                                                                                                                       |                  |
| FOV                              | Horizontal FOV: 42° to 15.5°,<br>Vertical FOV: 23.1° to 8.8°,<br>Diagonal FOV: 48.5° to 18.3°                                                                                                                         |                  |
| 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             | ≤ 80km/h for regular roads;<br>Camera with the focal length of 8 to 32mm 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<br>Supports import, export, add, and delete operations                                                                                  |                  |
| Barrier opening policy           | Open barrier only for the recognized vehicles<br>Open barrier for all vehicles<br>Open barrier only for vehicles on the allowlist<br>Open barrier for vehicles not on the blocklist<br>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 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                 | 1.91kg                                                                                                                                                                       |                                                                                                                   |
| Ingress protection     | IP67, IK10                                                                                                                                                                   |                                                                                                                   |
| Power supply           | DC12V + 25% - 25%<br>Max. power consumption: 20W<br>Supports PoE (802.3at, class 4)                                                                                          |                                                                                                                   |
| Dimensions (L×W×H)     | 406mm x 126mm x 130mm                                                                                                                                                        |                                                                                                                   |
| Operating environment  | -40°C to 60°C, ≤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)<br>FCC(FCC CFR 47 part15 B,ANSI C63.4 2014) |                                                                                                                   |
| Safety                 | EN IEC 62368-1:2020+A11:2020<br>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)<br>IK10(IEC 62262:2002+AMD1:2021)                                                                                                    |                                                                                                                   |

## Dimensions



## Accessories

### TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction

Box Only



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