

## 4MP Pole-Mount Capture KIT KIT-PKC2841-Z28-WH-PKP-LZ



## 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 protection.

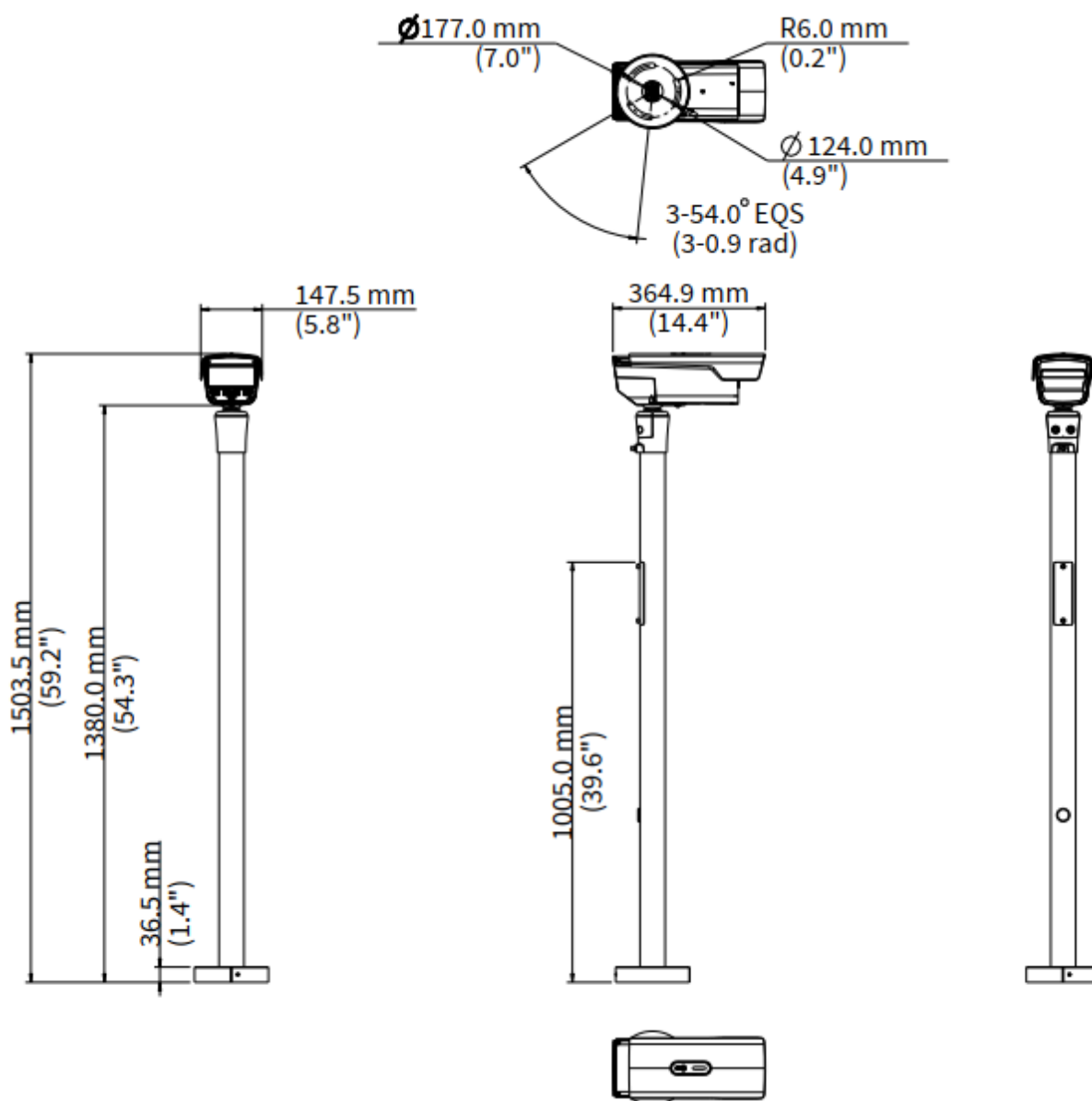
## Specifications

| Model                            | KIT-PKC2841-Z28-W<br>H-PKP-LZ   | KIT-PKC2841-Z28-IR<br>-PKP-LZ | KIT-PKC2841-Z28-W<br>H-NB-PKP-LZ | KIT-PKC2841-Z28-IR<br>-NB-PKP-LZ |
|----------------------------------|---|-------------------------------|----------------------------------|----------------------------------|
| Camera                           |   |                               |                                  |                                  |
| Sensor                           | 1/1.8-inch 4MP CMOS   |                               |                                  |                                  |
| Focal length                     | 2.8 to 12mm   |                               |                                  |                                  |
| Shutter                          | Auto, range: 1/200 to 1/100000s   |                               |                                  |                                  |
| Minimum illumination             | 0.0005lux (F1.4)  |                               |                                  |                                  |
| FOV                              | Horizontal FOV: 106.4° to 50.3°,<br>Vertical FOV: 57.1° to 27.8°,<br>Diagonal FOV: 127.4° to 57.3°  |                               |                                  |                                  |
| 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   |                               |                                  |                                  |
| Intercom Function                | Support   |                               |                                  |                                  |
| Smart                            |   |                               |                                  |                                  |
| Application scenario             | ≤ 30km/h for entrances and exits  |                               |                                  |                                  |
| 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 |                               |                                  |                                  |

|  |  |   |   |   |
|--|--|---|---|---|
| Capture Rate                                     | In the recommended installation and lighting condition, the vehicle capture rate ≥ 99%   |   |   |   |
| Recognition Rate                                 | In the recommended installation and lighting condition,the recognition rate ≥ 98%  |   |   |   |
| Vehicle Moving Direction<br>Recognition Accuracy | In the recommended installation and lighting condition, the accuracy ≥ 98%   |   |   |   |
| Country and Region<br>Supported                  | Middle East: United Arab Emirates (UAE), Qatar, Iraq, Egypt, Saudi Arabia,Yemen.<br>Asia Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, India, Cambodia, Bangladesh, Nepal<br>Africa: Tunisia.<br>America: USA、Canada, Brazil, Mexico.<br>Europe: Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, the UK, Ireland, Germany, Italy, Austria, Israel, Palestinian, Belgium, Albania, Serbia, Romania,Denmark, Finland, Sweden, Slovenia, Portugal, Cyprus, Bosnia and Herzegovina.<br>Russian-Speaking Regions:Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Turkmenistan, Tajikistan. |   |   |   |
| Storage  |  |   |   |   |
| Edge storage                                     | Supports ANR with a Micro SD card, up to 512GB   |   |   |   |
| Structure  |  |   |   |   |
| Illumination                                     | Built-in integrated illumination module, including 2 warm light LEDs, 50m illumination distance, automatic on/off control  | Built-in integrated illumination module, including 2 IR LEDs, 50m illumination distance, automatic on/off control | Built-in integrated illumination module, including 2 warm light LEDs, 50m illumination distance, automatic on/off control | Built-in integrated illumination module, including 2 IR LEDs, 50m illumination distance, automatic on/off control |
| Bracket  | Ball Head Mount  |   |   |   |
| 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   |   |   |   |
| Wiegand  | Supports Wiegand output  |   |   |   |
| Column   |  |   |   |   |
| Column Material                                  | Galvanized Pipe  |   |   |   |
| Column Dimensions                                | 2mm thick, ϕ60mm×1300mm  |   |   |   |

| Base                  |   |
|-----------------------|---|
| Base Material         | Iron  |
| Base Dimensions       | 5mm thick, $\varnothing 170\text{mm}$ ( $\varnothing 177\text{mm}$ with decorative cover)   |
| General               |   |
| Power supply          | 100~240VAC  |
| Dimensions (L×W×H)    | 147.5mm x 365mm x 1503.5mm  |
| Operating environment | -30°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)   |

## Dimensions



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