

# 4MP Pole-Mount Capture and Display Unit

PKC5601-C4Z-LED44-WH



## 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.
- LED screen with 120° viewing angle.
- A physical button for two-way audio.
- Supports Micro SD cards of up to 512GB.
- IP54 protection.

## Specifications

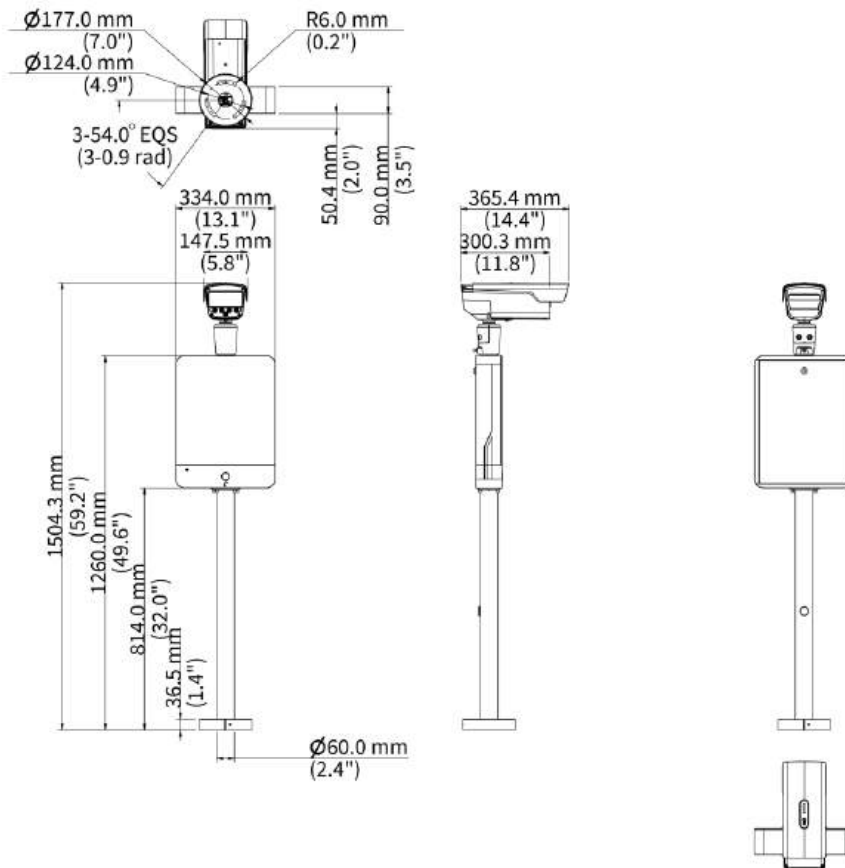
Model	PKC5601-C4Z-LED44-WH
Camera	
Sensor	1/1.8-inch 4MP CMOS
Focal length	2.8 to 12mm
Shutter	Auto, range: 1/200 to 1/100000s

Minimum illumination	0.0005lux (F1.4)
FOV	Horizontal FOV: 106.4° to 50.3°, Vertical FOV: 57.1° to 27.8°, Diagonal FOV: 127.4° to 57.3°
WDR	120 dB
S/N	> 50 dB
<b>Image</b>	
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
<b>Display Parameters</b>	
Resolution	Main stream: 2688*1520, 1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF
Display character	4 lines, up to 32 letters
Display size	304mm*304mm
Viewing angle	Horizontal: 120°, vertical: 120°
Screen brightness	1500cd/m <sup>2</sup>
Display color	Supports red, green, and yellow
Speaker	8Ω, 5W
Intercom Function	Support
<b>Smart</b>	
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 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
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 Recognition Accuracy	In the recommended installation and lighting condition, the accuracy $\geq 98\%$
Country and Region Supported	<p>Middle East: United Arab Emirates (UAE), Qatar, Iraq, Egypt, Saudi Arabia, Yemen.</p> <p>Asia Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, Hong Kong, Macao, Taiwan, India, Cambodia, Bangladesh, Nepal</p> <p>Africa: Tunisia.</p> <p>America: USA, Canada, Brazil, Mexico.</p> <p>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.</p> <p>Russian-Speaking Regions: Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Turkmenistan, Tajikistan.</p>
<b>Storage</b>	
Edge storage	Supports ANR with a Micro SD card, up to 512GB
<b>Structure</b>	
Illumination	Built-in integrated illumination module, including 2 warm light 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
<b>Network</b>	
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
<b>Interface</b>	
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 × 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
Reset button	Support
<b>Module</b>	
Module Resolution (W × H)	64*64
Pixel Pitch	P4.75
<b>Column</b>	
Column Material	Galvanized Pipe
Column Dimensions	2mm thick, $\phi 60\text{mm} \times 1300\text{mm}$
<b>Base</b>	
Base Material	Iron
Base Dimensions	5mm thick, $\phi 170\text{mm}$ ( $\phi 177\text{mm}$ with decorative cover)

General	
Power supply	100~240VAC
Dimensions (L×W×H)	334mm x 365.3mm x 1506.5mm
Operating environment	-20°C to 70°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) 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	IP54(IEC60529:1989+AMD1:1999+AMD2:2013)

## Dimensions



## Ordering Info

Product Model	Description
PKC5601-C4Z-LED44-WH	4MP Pole-Mount Capture and Display Unit

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