

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.

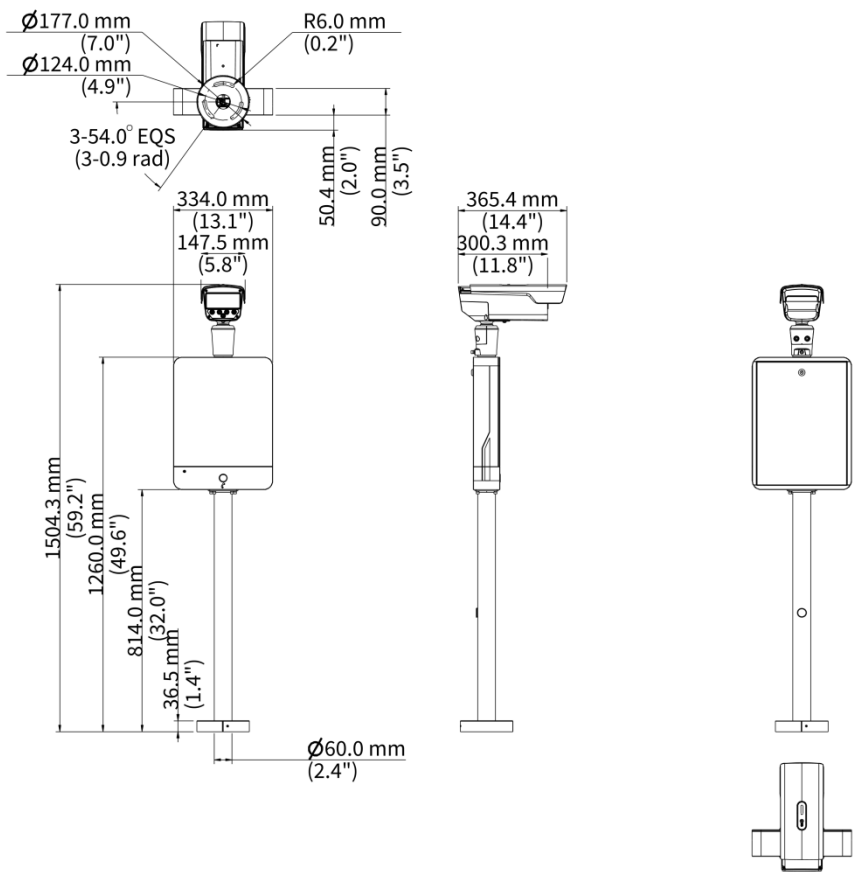
Specifications

Model	PKC5601-C4Z-LED44-WH	PKC5601-C4Z-LED44-IR
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	
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	
Display character	4 lines, up to 32 letters	
Display size	304mm*304mm	
Viewing angle	Horizontal: 120°, vertical: 120°	
Screen brightness	1500cd/m²	
Display color	Supports red, green, and yellow	
Speaker	8Ω, 5W	
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 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 ≥ 98%	
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
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	
Reset button	Support	
Module		
Module Resolution (W × H)	64*64	
Pixel Pitch	P4.75	
Column		
Column Material	Galvanized Pipe	
Column Dimensions	2mm thick, ϕ60mm×1300mm	
Base		
Base Material	Iron	
Base Dimensions	5mm thick, ϕ170mm (ϕ177mm with decorative cover)	
General		
Power supply	100~240VAC	
Dimensions (L×W×H)	334mm x 365.3mm x 1506.5mm	

Operating environment	-30°C to 60°C, ≤90% RH
Heater	N/A
Compliance	
NDA 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



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