

## 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.

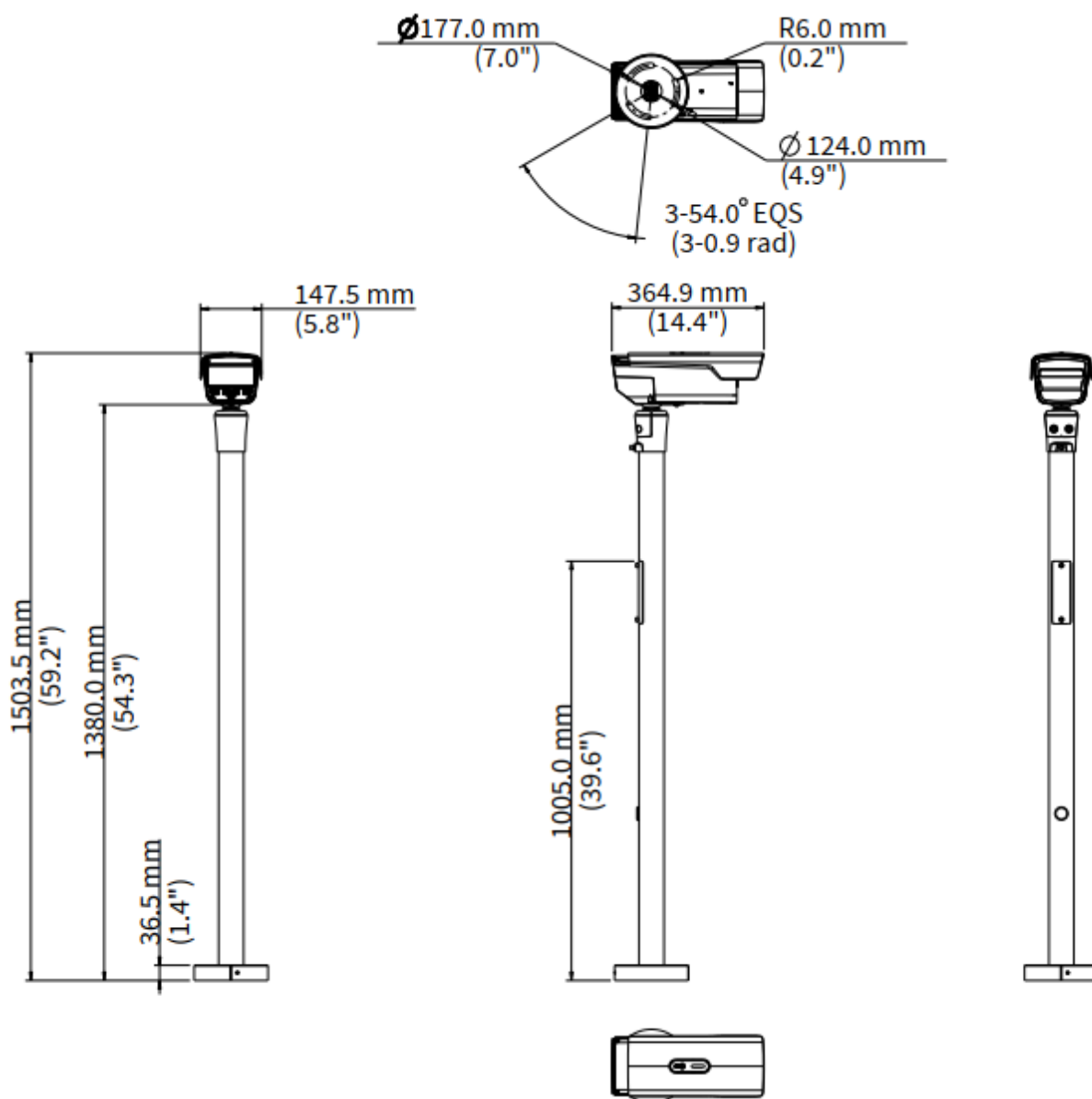
## Specifications

Model	KIT-PKC2841-Z28-W H-PKP-LZ	KIT-PKC2841-Z28-IR -PKP-LZ	KIT-PKC2841-Z28-W H-NB-PKP-LZ	KIT-PKC2841-Z28-IR -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°, 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			
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%			
Country and Region Supported	Middle East: United Arab Emirates (UAE), Qatar, Iraq, Egypt, Saudi Arabia,Yemen. Asia Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, India, Cambodia, Bangladesh, Nepal Africa: Tunisia. America: USA、Canada, Brazil, Mexico. 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. 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) 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	IP67(IEC60529:1989+AMD1:1999+AMD2:2013)

## Dimensions



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