

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 AI 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	1/1.8-inch 4MP CMOS		
Focal length	2.8 to 12mm	2.8 to 12mm		
Shutter	Auto, range: 1/200 to 1/100000s	Auto, range: 1/200 to 1/100000s		
Minimum illumination	0.0005lux (F1.4)	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°	Horizontal FOV: 106.4° to 50.3°, Vertical FOV: 57.1° to 27.8°, Diagonal FOV: 127.4° to 57.3°		
WDR	120 dB	120 dB		
S/N	> 50 dB	> 50 dB		
Image				
Image collection format	2688*1520@60,2688*1520@50,2688*1520@30 (default),2688*1520@25	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	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	H.264 (default), H.265		
ROI	Supports up to 8 regions	Supports up to 8 regions		
HLC	Support	Support		
BLC	Support	Support		
Defog	Digital defog	Digital defog		
Digital Noise Reduction	3D DNR	3D DNR		
Video OSD	Supports 8 overlay areas and allows contents including date, time, date&time, zoom ratio, custom contents	Supports 8 overlay areas and allows contents including date, time, date&time, zoom ratio, custom contents		
Image OSD	Supports 8 overlay	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	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	Main stream: 2688*1520, 1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF		
Intercom Function	Support	Support		
Smart				
Application scenario	≤ 30km/h for entrances and exits	≤ 30km/h for entrances and exits		
Vehicle detection mode	Supports video detection	Supports video detection		
License plate number recognition	Supports recognition of license plates with numbers and letters by default	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	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	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		

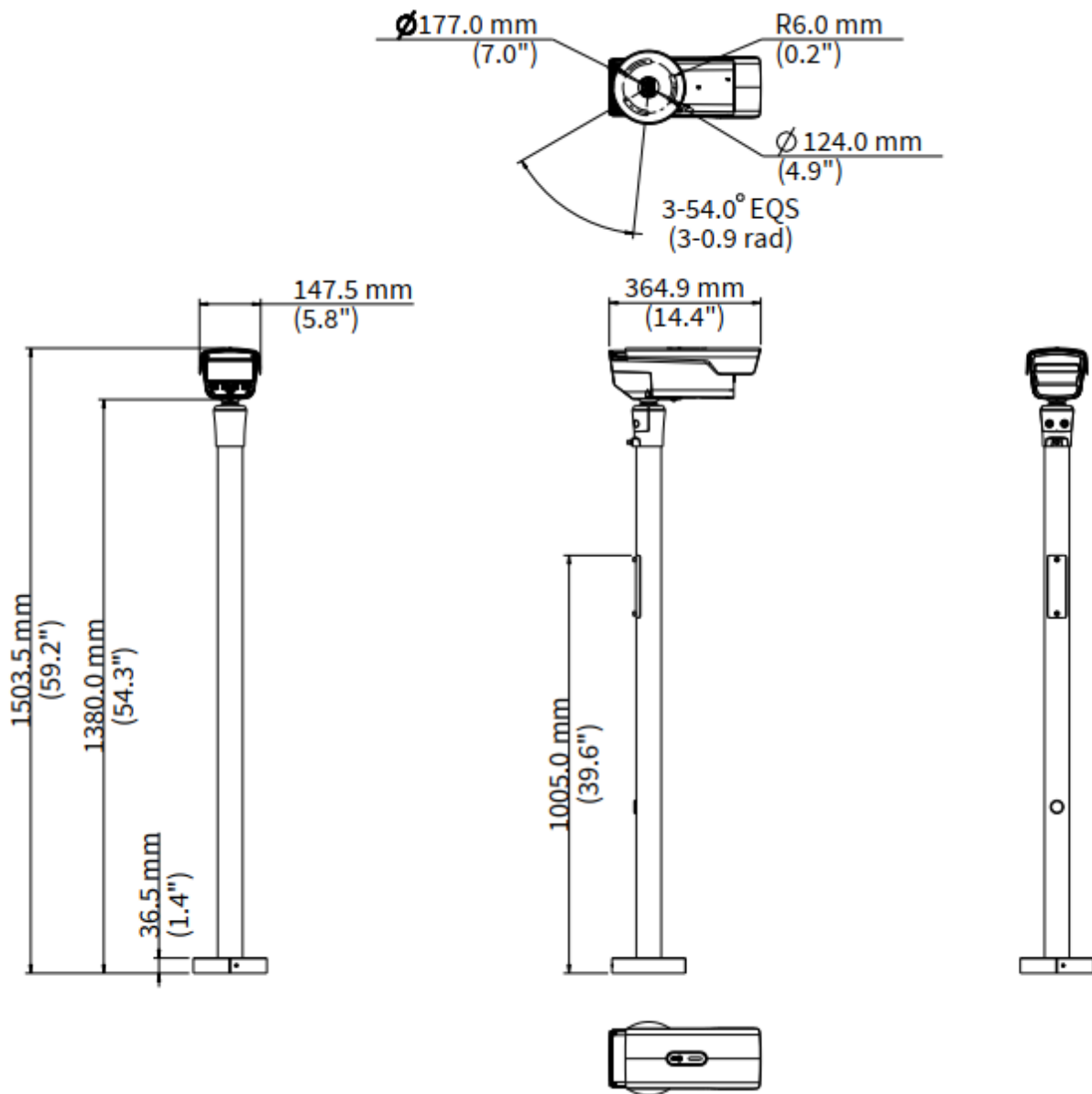
	blocklist Configurable Boolean output ID	blocklist Configurable Boolean output ID		
Capture Rate	In the recommended installation and lighting condition, the vehicle capture rate $\geq 99\%$	In the recommended installation and lighting condition, the vehicle capture rate $\geq 99\%$		
Recognition Rate	In the recommended installation and lighting condition,the recognition rate $\geq 98\%$	In the recommended installation and lighting condition,the recognition rate $\geq 98\%$		
Vehicle Moving Direction Recognition Accuracy	In the recommended installation and lighting condition, the accuracy $\geq 98\%$	In the recommended installation and lighting condition, the accuracy $\geq 98\%$		
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,	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,		

	<p>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>	<p>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>		
Storage				
Edge storage	Supports ANR with a Micro SD card, up to 512GB	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	Ball Head Mount		
Junction box	The camera comes with a junction box for storing tail cable	The camera comes with a junction box for storing tail cable		
Network				
Protocols	IGMP,IPv6,ICMP,ARP, TCP,UDP,DHCP,PPPoE,RTSP,DNS,DDNS,NT P,UPnP,HTTP,HTTPS, 802.1x,SNMP,QoS,SSL /TLS,SSH,IPv4	IGMP,IPv6,ICMP,ARP, TCP,UDP,DHCP,PPPoE,RTSP,DNS,DDNS,NT P,UPnP,HTTP,HTTPS, 802.1x,SNMP,QoS,SSL /TLS,SSH,IPv4		
Compatible Integration	ONVIF (Profile S, Profile G, Profile T),SDK, API	ONVIF (Profile S, Profile G, Profile T),SDK, API		

Interface				
Network interface	1×10M/100M RJ45	1×10M/100M RJ45		
Serial port	2 × RS485	2 × RS485		
Boolean output	2 relay outputs, withstand voltage: AC 125V/0.3A, DC 30V/1A	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	2 x input, supports level (up to DC 5V) and switch signal		
Audio interface	1 × audio input, 1 × audio output	1 × audio input, 1 × audio output		
Storage interface	1 × Micro SD card slot	1 × Micro SD card slot		
Wiegand	Supports Wiegand output	Supports Wiegand output		
Column				
Column Material	Galvanized Pipe	Galvanized Pipe		
Column Dimensions	2mm thick, φ60mm×1300mm	2mm thick, φ60mm×1300mm		
Base				
Base Material	Iron	Iron		
Base Dimensions	5mm thick, φ170mm (φ177mm with decorative cover)	5mm thick, φ170mm (φ177mm with decorative cover)		
General				
Power supply	100~240VAC	100~240VAC		
Dimensions (L×W×H)	147.5mm x 365mm x 1503.5mm	147.5mm x 365mm x 1503.5mm		
Operating environment	-30°C to 60°C, ≤90% RH	-30°C to 60°C, ≤90% RH		
Heater	N/A	N/A		
Compliance				
NDA Compliant	Support	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	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)	part15 B,ANSI C63.4 2014)		
Safety	EN IEC 62368-1:2020+A11:20 20 UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)	EN IEC 62368-1:2020+A11:20 20 UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)		
Environment	CE-RoHS (2011/65/EU;(EU)2015 /863);WEEE (2012/19/EU)	CE-RoHS (2011/65/EU;(EU)2015 /863);WEEE (2012/19/EU)		
Protection	IP67(IEC60529:1989+ AMD1:1999+AMD2:201 3)	IP67(IEC60529:1989+ AMD1:1999+AMD2:201 3)		

Dimensions




Unlimited New View

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