

pöllö   
**Prime Series**

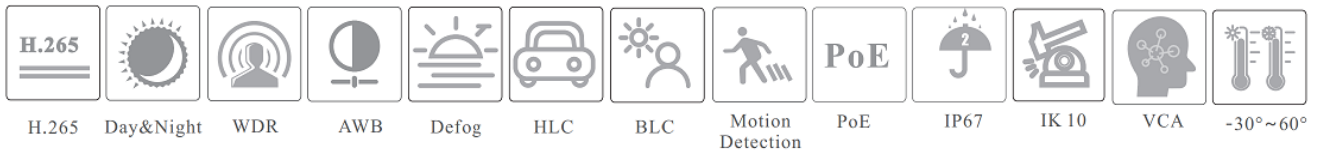


## 4MP IP AI Camera

**PLC-434M-AI-IR3/PM**

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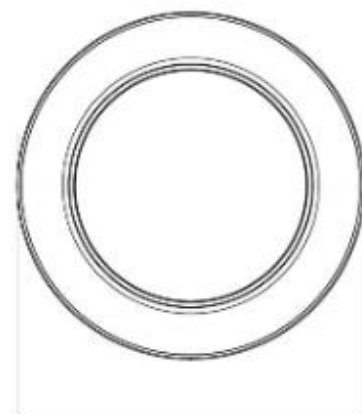
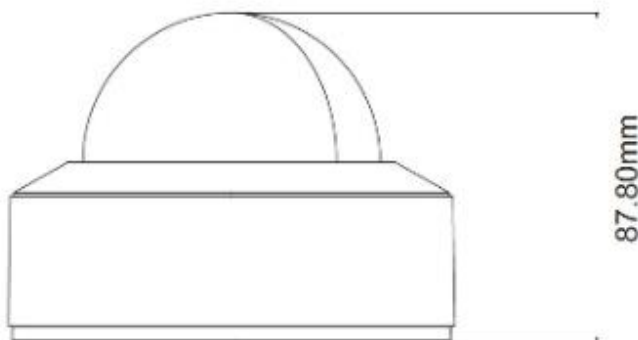




## Key Features:

- ✔ 4MP (2592 × 1520)
- ✔ Max. resolution: 2592 × 1520
- ✔ ICR auto switch, true day / night
- ✔ 20 ~ 30m IR night view distance
- ✔ Smart H.265/H.265+/H.265/Smart H.264/H.264+/H.264/MJPEG coding
- ✔ Max. resolution: 2592 × 1520
- ✔ ICR auto switch, true day / night vision
- ✔ 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- ✔ Support image distortion correction
- ✔ Built-in micro-SD card slot, up to 256GB
- ✔ DC12V/PoE power supply
- ✔ IP67 & IK10
- ✔ Support three streams
- ✔ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- ✔ Intelligent analytics

## Dimensions:



119.00mm



## Specifications:

<b>Model</b>	<b>PLC-434M-AI-IR3/PM</b>
<b>Image Sensor</b>	1 / 3 "CMOS
<b>Image Size</b>	2592 × 1520
<b>Electronic Shutter</b>	1 / 3s ~ 1 / 10000 s
<b>Iris Type</b>	Fixed Iris
<b>Min. Illumination</b>	0.005 lux@F1.6, AGC ON;0 lux with IR
<b>Lens</b>	2.8 mm@F1.6, Horizontal FoV: 96°; vertical FoV: 55°; diagonal FoV:115° 3.6 mm@F1.6, Horizontal FoV:78.8°; vertical FoV: 42.3°; diagonal FoV: 100.2°
<b>Focus</b>	Fixed
<b>Lens Mount</b>	M12
<b>Day &amp; Night</b>	ICR
<b>Wide Dynamic Range</b>	120dB
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>Defog</b>	Yes
<b>Digital NR</b>	3D DNR
<b>Angle Adjustment</b>	Pan: 0°~355°; Tilt:0°~67°; Rotation: 0°~355°
<b>Video Compression</b>	Main stream: Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>H.264 Compression Standard</b>	Baseline Profile/Main Profile/High Profile
<b>Resolution</b>	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296 ), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
<b>Main Stream</b>	4MP/2K/3MP/1080P / 720P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P (60Hz: 1 ~ 60fps; 50Hz: 1~50fps)
<b>Sub Stream</b>	720P/D1/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
<b>Third Stream</b>	D1/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps )
<b>Bit Rate</b>	64 Kbps ~ 8 Mbps
<b>Bit Rate Type</b>	VBR / CBR
<b>Audio Compression</b>	G711A / U
<b>Image Settings</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
<b>ROI</b>	Each ROI to be configured separately
<b>Perimeter Protection</b>	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)
<b>Statistics</b>	Target counting by line/area, heat map
<b>Exception Detection</b>	Scene change, video blur and video cast detection
<b>Face Detection</b>	Face detection and face capture
<b>Other Events</b>	Abandoned/missing object detection

<b>Network</b>	RJ45
<b>Video Output</b>	No
<b>Audio</b>	1CH audio input; 1 CH built-in MIC
<b>Storage</b>	Built-in micro-SD card slot; up to 256GB
<b>Reset</b>	Yes
<b>Alarm</b>	1CH alarm input; 1CH alarm output
<b>Remote Monitoring</b>	Web Browser/PVMS Plus /NVR/mobile APP
<b>Web Browser</b>	IE(plug-in required)/Google Chrome/Edge/Firefox/Safari
<b>Online Connection</b>	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
<b>Interface Protocol</b>	ONVIF
<b>Storage</b>	Network remote storage; micro-SD card storage
<b>Smart Alarm</b>	Motion detection, Sensor detection, SD card error, SD card full, IP address conflict, cable disconnection
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction, corridor pattern
<b>PoE</b>	Yes, IEEE802.3af
<b>IR Distance</b>	20 ~ 30 m
<b>Ingress Protection</b>	IP67&IK10
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 7W
<b>Storage Conditions</b>	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
<b>Operating Conditions</b>	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Dimensions ( mm )</b>	Φ 119 × 87.8
<b>Weight ( net )</b>	Approx. 0.65KG
<b>Installation</b>	Ceiling mounting; Wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)