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**Prime Series**

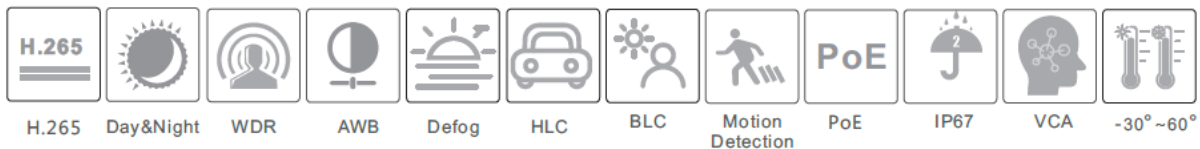


## 4MP IP AI Camera

**PLC-424M-AI-IR5/PM**

[www.pollo.net.au](http://www.pollo.net.au)

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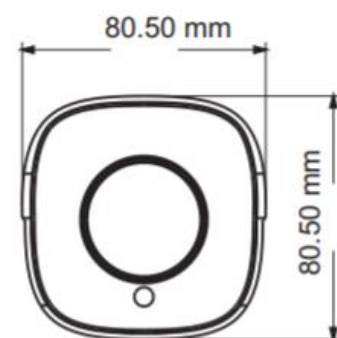
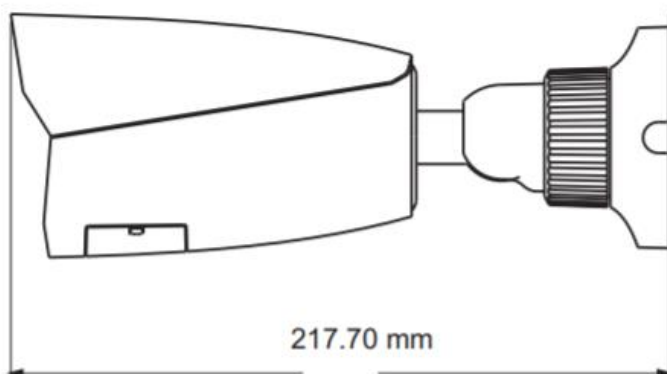




## Key Features:

- ✔ 4MP (2592 × 1520) H.265 full real time coding.
- ✔ Max. resolution: 2592 × 1520.
- ✔ ICR auto switch, true day / night vision.
- ✔ 30 ~ 50m IR night view distance.
- ✔ 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding.
- ✔ Support image distortion correction.
- ✔ 1CH audio input
- ✔ Built-in micro-SD card slot, up to 128GB.
- ✔ DC12V/PoE power supply.
- ✔ IP 67 ingress protection.
- ✔ Support three streams.
- ✔ P2P function optional.
- ✔ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS.
- ✔ Intelligent analytics.

## Dimensions:





## Specifications:

<b>Model</b>	<b>PLC-424M-AI-IR5/PM</b>
<b>Image Sensor</b>	1 / 3 "CMOS
<b>Image Size</b>	2592 × 1520
<b>Electronic Shutter</b>	1 / 30 s ~ 1 / 100000 s
<b>Iris Type</b>	Fixed Iris
<b>Min. Illumination</b>	0.005 lux@F1.6, AGC ON; 0 lux with IR 0.0028 lux@F1.2, AGC ON; 0 lux with IR
<b>Lens</b>	3.6 mm@F1.6, H.FoV: 80.6°; V.FoV: 50.6°; D.FoV:88°
<b>Focus</b>	Fixed
<b>Lens Mount</b>	M12
<b>Day &amp; Night</b>	ICR
<b>Wide Dynamic Range</b>	140dB
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>Defog</b>	Yes
<b>Digital NR</b>	3D DNR
<b>Angle Adjustment</b>	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°
<b>Video Compression</b>	Smart H.265 / H.265+ / H.265 / Smart H.264 / 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, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
<b>ROI</b>	Each ROI to be configured separately
<b>Network</b>	RJ45
<b>Video Output</b>	No
<b>Audio</b>	1CH audio input
<b>Storage</b>	Built-in micro-SD card slot; up to 128GB
<b>Reset</b>	Yes
<b>Perimeter Protection</b>	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)
<b>Target Counting</b>	Line crossing human/motor vehicle/non-motor vehicle counting

<b>Exception Detection</b>	Scene change, video blur and video colour cast detection
<b>Face Detection</b>	Face detection and face capture
<b>Remote Monitoring</b>	Web browsing, CMS remote control
<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, 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, SD card error, SD card full
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
<b>PoE</b>	Yes, IEEE802.3af
<b>IR Distance</b>	30 ~ 50 m
<b>Ingress Protection</b>	IP67
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 9.5W
<b>Operating Environment</b>	- 30 °C ~ 60°C (-22 °F~140°F) E42Humidity: less than 95 % non condensing
<b>Dimensions (mm)</b>	217.7 × 80.5 × 80.5
<b>Weight (net)</b>	Approx. 0.69KG
<b>Installation</b>	Ceiling mounting; Wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Complies with Directive EU RoHS, WEEE (2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)