



## PLC-9230-IR20/PR

2MP PTZ Network Camera



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## PLC-9230-IR20/PR

### 2MP PTZ Network Camera

#### Specifications:

<b>Model</b>	<b>PLC-9230-IR20/PM</b>
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS
<b>Max. Resolution</b>	2MP 1920(H)x1080(V)
<b>Min. Illumination</b>	Color: 0.002 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
<b>Shutter Speed</b>	1/5 s to 1/20000 s
<b>Slow Shutter</b>	Yes
<b>Day &amp; Night</b>	IR cut filter
<b>Zoom</b>	30x optical
<b>Focal Length</b>	5.0 mm to 150 mm
<b>FOV</b>	Horizontal field of view: 56.9° to 2.9° (wide-tele), Vertical field of view: 32.2° to 1.6° (wide-tele), Diagonal field of view: 65.2° to 3.3° (wide-tele)
<b>Aperture</b>	Max. F1.5
<b>Focus</b>	Auto, manual
<b>Supplement Light Range</b>	IR Distance: up to 200 m
<b>Supplement Light Type</b>	IR
<b>Movement Range (Pan)</b>	360°
<b>Movement Range (Tilt)</b>	-10° to 90° (auto flip)
<b>Pan Speed</b>	Pan speed: configurable from 0.6° to 200°/s; pre-set speed: 200°/s
<b>Tilt Speed</b>	Tilt speed: configurable from 0.6° to 90°/s, pre-set speed 100°/s
<b>Pre-sets</b>	255
<b>Patrol Scan</b>	1 Scan
<b>Pattern Scan</b>	4 patterns
<b>Power-Off Memory</b>	Yes
<b>3D Positioning</b>	Yes
<b>Main Stream</b>	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Sub-Stream</b>	50 Hz: 25 fps (640 × 480, 320x240); 60 Hz: 30 fps (640 × 480, 352 × 240)
<b>Third Stream</b>	50 Hz: 25 fps (320x240); 60 Hz: 30 fps (320x240)
<b>Video Compression</b>	Main stream: H.265+/H.265/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
<b>Video Bit Rate</b>	8 kbps to 8192 kbps

<b>H.264 Type</b>	Baseline Profile/Main Profile/High Profile
<b>H.265 Type</b>	Main Profile
<b>Audio Compression</b>	G.711a/G.711u
<b>Protocols</b>	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE,
<b>API</b>	Onvif (Profile S, Profile G, Profile T), Http API
<b>Simultaneous</b>	Live View Up to 15 channels
<b>User/Host</b>	5 User
<b>Security</b>	Password protection, complicated password, HTTPS encryption, IP address filter, control timeout settings
<b>Client</b>	VMS
<b>Web Browser</b>	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
<b>Day/Night Switch</b>	Auto Switch
<b>Image Enhancement</b>	BLC, HLC, 3D DNR
<b>Wide Dynamic Range (WDR)</b>	Yes
<b>Image Settings</b>	Saturation, brightness, contrast, sharpness, Hue and white balance adjustable by client software or web browser
<b>Privacy</b>	4 privacy masks
<b>Ethernet Interface</b>	1 RJ45 10M/100M self-adaptive Ethernet port
<b>On-Board Storage</b>	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
<b>Alarm</b>	1 input, 1 output
<b>Audio</b>	1 input, 1 output
<b>Reset</b>	Yes
<b>Basic Event</b>	Motion detection, alarm input and output
<b>Deep Learning Function</b>	Face Recognition, Human & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection, Crossing Counting, Heat Map, Crowd Density Detection, Queue Length Detection, License Plate Detection
<b>Smart Tracking</b>	auto-tracking
<b>Alarm Linkage</b>	Upload to FTP, send email, trigger alarm output, trigger recording
<b>Power</b>	DC 12V/POE+, max. 23 W
<b>Operating Condition</b>	-30 °C to 60 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
<b>Material</b>	Metal
<b>Dimension</b>	∅ 206.4 mm × 351.8 mm (∅ 8.13" × 13.85")
<b>Weight</b>	Approx. 3.7 kg (8.151lb.)
<b>Protection</b>	IP67

**Dimensions:**

