

# 4MP HD Light Hunter IR VF Dome Network Camera PW524F-IZAS



## Key Features



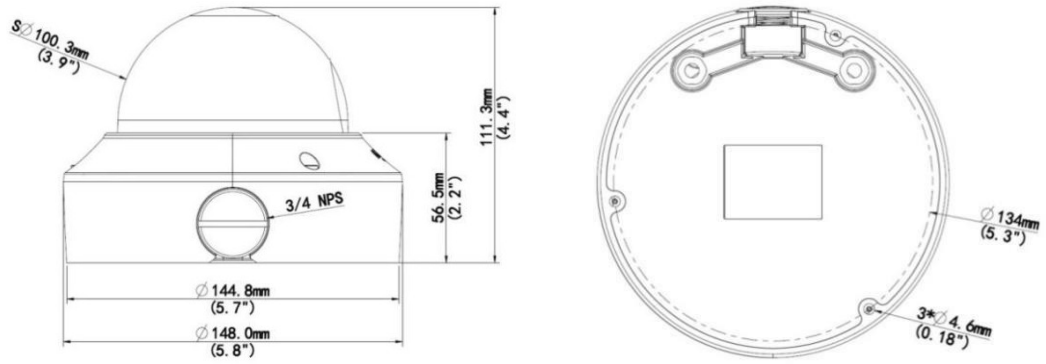
- High quality image with 4MP, 1/3"CMOS sensor
- 4MP (2688\*1520) @ 25fps; 4MP (2560\*1440) @ 25fps; 3MP (2304\*1296) @25fps; 2MP (1920\*1080) @25fps;
- Ultra 265, H.265, H.264, MJPEG
- Light hunter technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Alarm:1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 40m (131ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

# Specifications

| Model No.               | PW524F-IZAS   |            |                |               |                  |
|-------------------------|---|------------|----------------|---------------|------------------|
| <b>Camera</b>           |   |            |                |               |                  |
| Sensor                  | 1/3", 4.0megapixel, progressive scan, CMOS  |            |                |               |                  |
| Lens                    | 2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens   |            |                |               |                  |
| DORI Distance           | Lens (mm)   | Detect (m) | Observe (m)    | Recognize (m) | Identify (m)     |
|                         | 2.7   | 60.8       | 24.3           | 12.2          | 6.1              |
|                         | 13.5  | 303.8      | 121.5          | 60.8          | 30.4             |
| Angle of View (H)       | 98.26°~ 31.35°  |            |                |               |                  |
| Angle of View (V)       | 54.76°~ 18.55°  |            |                |               |                  |
| Angle of View (O)       | 127.74°~36.99°  |            |                |               |                  |
| Adjustment angle        | Pan: 0° ~ 355°  |            | Tilt: 0° ~ 80° |               | Rotate:0° ~ 355° |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s  |            |                |               |                  |
| Minimum Illumination    | Color: 0.002Lux (F1.2, AGC ON)<br>0Lux with IR on   |            |                |               |                  |
| Day/Night               | IR-cut filter with auto switch (ICR)  |            |                |               |                  |
| S/N                     | >56dB   |            |                |               |                  |
| IR Range                | Up to 40m (131ft) IR range  |            |                |               |                  |
| Wavelength              | 850nm   |            |                |               |                  |
| IR On/Off Control       | Auto/Manual   |            |                |               |                  |
| Defog                   | Digital Defog   |            |                |               |                  |
| WDR                     | 120dB   |            |                |               |                  |
| <b>Video</b>            |   |            |                |               |                  |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG  |            |                |               |                  |
| H.264 code profile      | Baseline profile, Main profile, High profile  |            |                |               |                  |
| Frame Rate              | Main Stream: 4MP (2688*1520), Max 25fps;4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; |            |                |               |                  |
| Video Bit Rate          | 128 Kbps~16 Mbps  |            |                |               |                  |
| 9:16 Corridor Mode      | Supported   |            |                |               |                  |
| OSD                     | Up to 8 OSDs  |            |                |               |                  |
| Privacy Mask            | Up to 4 areas   |            |                |               |                  |
| ROI                     | Up to 8 areas   |            |                |               |                  |
| Motion Detection        | Up to 4 areas   |            |                |               |                  |
| <b>Image</b>            |   |            |                |               |                  |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2   |            |                |               |                  |
| Digital Noise Reduction | 2D/3D DNR   |            |                |               |                  |
| Smart IR                | Support   |            |                |               |                  |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise  |            |                |               |                  |
| DE warping              | N/A   |            |                |               |                  |
| HLC                     | Supported   |            |                |               |                  |

|                        |  |
|------------------------|--|
| BLC                    | Supported  |
| <b>Audio</b>           |  |
| Audio Compression      | G.711  |
| Two-way Audio          | Supported  |
| Suppression            | Supported  |
| Sampling Rate          | 8KHZ   |
| <b>Storage</b>         |  |
| Edge Storage           | Micro SD, up to 256GB  |
| Network Storage        | ANR, NAS(NFS)  |
| <b>Network</b>         |  |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API   |
| Client                 | Guardstation, IMCCTV   |
| Web Browser            | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below  |
|                        | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+  |
| <b>Interface</b>       |  |
| Audio I/O              | Input: impedance 35kΩ; amplitude 2V [p-p]  |
|                        | Output: impedance 600Ω; amplitude 2V [p-p]   |
| Alarm I/O              | 1/1  |
| Built-in Mic           | Supported  |
| Network                | 1 RJ45 10M/100M Base-TX Ethernet   |
| <b>Certifications</b>  |  |
| Certifications         | CE: EN 60950-1 UL: UL60950-1<br>FCC: FCC Part 15   |
| <b>General</b>         |  |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)   |
|                        | Power consumption: Max 7.0W  |
| Dimensions (Ø x H)     | Φ148 x 111.3mm (Ø5.8" x 4.4")  |
| Net Weight             | 0.92kg (2.03lb)  |
| Material               | Metal + Plastic  |
| Working Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)   |
| Storage Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)   |
| Surge Protection       | 6KV  |
| Ingress Protection     | IP67   |
| Vandal Resistant       | IK10   |
| Reset Button           | Supported  |

## Dimensions



## Accessories

JB04

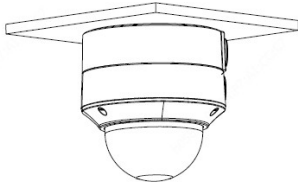


WM04



Junction box

JB04



**Petawise Inc.**

Unit 8-9, 1040 Martin Grove Road, Etobicoke, Ontario, Canada M9W 4W1

Sales@petawise.com; Marketing@petawise.com

www.petawise.com

*\*Product specifications and availability are subject to change without notice.*