

4.0 Megapixel IP, True WDR, Outdoor IR Dome Cameras POE, 2.8mm or 4mm IR Lens, 100' IR, IP67

**4MP
IP-POE**

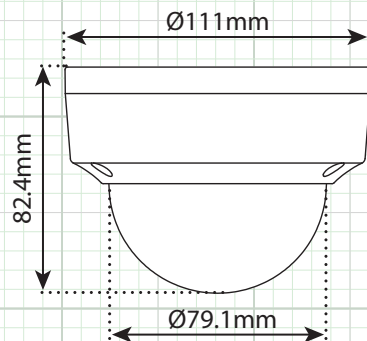
H.265



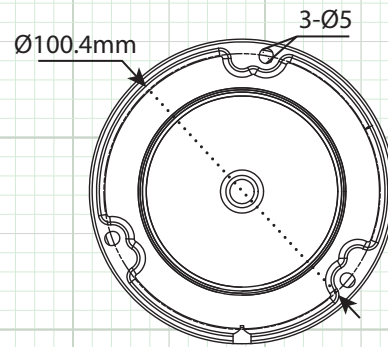
FEATURES:

- ◆ H.265/H.265+ Video Compression
- ◆ True Wide Dynamic Range - 120dB
- ◆ Up to 2688 × 1520 Resolution (30FPS)
- ◆ Fixed Focal 2.8mm or Fixed Focal 4mm IR Lens
- ◆ 3 High Power IR LED's - 100' IR Range
- ◆ SD Card Slot - 128G Max (Sold Separately)
- ◆ Mechanical IR Cut Filter
- ◆ Audio Line In/Out & Alarm
- ◆ Triple Stream Capability
- ◆ 3D Digital Noise Reduction
- ◆ POE - Power over Ethernet
- ◆ Free CMS & IP Server Software
- ◆ IP67 Weatherproof
- ◆ IK10 Impact Resistance
- ◆ UL/CUL Certified

CAMERA OVERVIEW:



Side View & Dimensions



Front View & Mounting Configuration

| | SPECIFICATION | IP4DIR100 / IP4DIR1004MM |
|-------------------------|--|--|
| CAMERA | Image Sensor | 1/3" Progressive Scan CMOS |
| | Minimum Illumination | Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR |
| | IR LED Count / Range / Nanometer | 3 High Power IR LED's - 100' IR Range |
| | Shutter Time | 1/3 second to 1/100,000 second |
| | Lens (IR Corrective) | 2.8mm/F1.6 - Angle of View: 98° Horizontal, 55° Vertical - 114° Diagonal |
| | Lens Mount | Ø14 |
| | Camera Bracket Adjustment | 3-Axis Design - Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| | Day & Night | Yes - True Day/Night with IR Filter - Auto Switch / Schedule |
| | DNR (Digital Noise Reduction) | 3D DNR |
| | True Wide Dynamic Range | 120dB WDR |
| | BLC (Backlight Compensation) | Yes, Zone Configurable |
| Smart Analytic Features | Line Crossing Detection, Intrusion Detection, Face Detection | |
| Region of Interest | Yes | |

Note: Specification subject to change without notice

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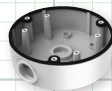
| SPECIFICATION | | IP4DIR100 / IP4DIR1004MM |
|----------------|--------------------------------|---|
| COMPRESSION | Video Compression | Main Stream: H.265/H.264, Sub-Stream H.265/H.264/MJPEG, Third Stream: H.265/H.264 |
| | H.264 | Main Profile / High Profile |
| | H.264+ | Main Stream & Sub-Stream Support |
| | H.265 | Main Profile |
| | H.265+ | Main Stream & Sub-Stream Support |
| IMAGE | Video Bitrate | 32 Kbps to 16 Mbps |
| | Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| | Audio Bitrate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) |
| | Max. Resolution | 2688 × 1520 |
| | Main Stream | 50Hz:25fps (2688 × 1520, 2304 × 1296, 1920 × 1080)/60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080) |
| NETWORK | Sub-Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)/60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| | Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)/60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |
| | Image Settings | Rotate Mode, Saturation, Brightness, Contrast, Sharpness |
| | Day/Night Switch | Auto/Schedule/Triggered by Alarm In |
| | Network Storage | Support Micro SD/SDHC/SDXC Card (128GB Max), Local Storage and NAS (NFS,SMB/CIFS), ANR |
| INTERFACE | Alarm Trigger | Motion Detection, Video Tampering, Network Disconnected, IP address Conflict, Illegal Login, HDD Full, HDD Error |
| | Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| | General Function | One-Key Reset, Anti-Flicker, Three Streams, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter |
| | Simultaneous Live View | Up to 6 Channels |
| | User/Host | Up to 32 Users - 3 Levels: Administrator, Operator & User |
| AUDIO | Client Software | IVMS-4200 (CMS), Guarding Vision Mobile App |
| | Web Browser | Supports IE8+, Safari 8.0+ |
| | Communication Interface | 1 RJ45 10M/100M Self-Adaptive Ethernet Cable Style Port |
| | Audio | 1 Input (line in/mic.in), 1 Output (line out), Terminal Block, Mono Sound |
| | Alarm | 1 Input, 1 Output (up to 12 VDC, 30 mA), Terminal Block |
| GENERAL | On-Board Storage | On-Board Storage, Built-in Micro SD/SDHC/SDXC slot, up to 128 GB (card not included) |
| | SVC | H.264 and H.265 Encoding |
| | Reset Button | Yes |
| | Environment Noise Filtering | Yes |
| | Audio Sampling Rate | 16 kHz/32 kHz/44.1 kHz/48 kHz |
| GENERAL | Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or Less (non-condensing) |
| | Power Supply | 12 VDC ± 25%, Ø 5.5 mm Coaxial Power Plug / PoE (802.3af, Class 3) |
| | Power Consumption & Current | 12 VDC, 0.5A, Max. 6W / PoE (802.3af, 37V to 57V), 0.2A to 0.1A, Max. 7.5W |
| | Weatherproof/Protection Rating | IP67 / IK10 / TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| | Housing Material / Color | Heavy Duty Aluminum / White |
| Dimensions | Ø111 × 82.4 mm (Ø 4.4" × 3.2") | |
| Weight | 610 g (1.3 lb.) | |
| Certifications | UL / CUL | |

INCLUDED ACCESSORIES:

Quick Guide, Software CD, Mounting Template, Hardware Packet, Waterproof Cable Connector & L-Style Wrench.

OPTIONAL MOUNTING ACCESSORIES:

BB110 - Back Box



WMT110 - Indoor Wall Mount



DPC110 - Pendant Cap



PMT - Pole Mount
(Requires WMTS)



WMTS - Outdoor Wall Mount
(Requires DPC110)



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