

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

**4MP  
IP-POE**

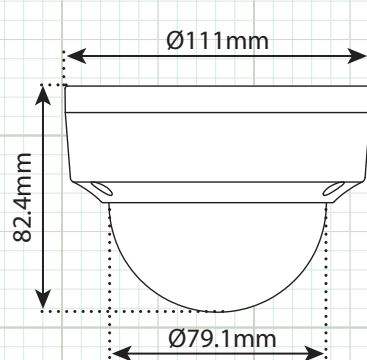
**H.265**



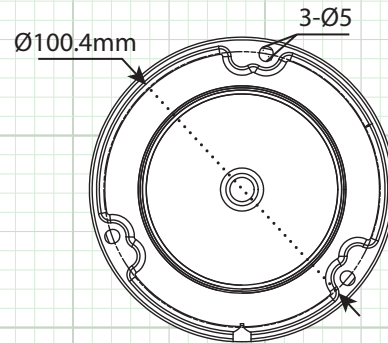
### FEATURES:

- ◆ 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
- ◆ ONVIF Profile S/G Compliant
- ◆ 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	4 High Power IR LED's / 150' Range / 850nm
	Shutter Time	1/3 second to 1/100,000 second
	Lens (IR Corrective)	Auto-Focus 2.8-12mm/F1.6 - Angle of View: 98°-28° Horizontal, 51°-16° Vertical - 115°-32° 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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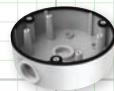
SPECIFICATION		IP4DIR100 / IP4DIR1004MM
COMPRESSION	Video Compression	Main Stream: H.265/H.264, Sub-Stream H.265/H.264/MJPEG, Third Stream: H.265/H.264
	H.264	Main Profile / High Profile
	H.264+	Main Stream & Sub-Stream Support
	H.265	Main Profile
	H.265+	Main Stream & Sub-Stream Support
Video Bitrate		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)
IMAGE	Max. Resolution	2688 × 1520
	Main Stream	50Hz:25fps (2688 × 1520, 2304 × 1296, 1920 × 1080)/60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
	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	Network Storage	Support Micro SD/SDHC/SDXC Card (128GB Max), Local Storage and NAS (NFS,SMB/CIFS), ANR
	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
	API	ONVIF (PROFILE S, PROFILE G), ISAPI
	Simultaneous Live View	Up to 6 Channels
	User/Host	Up to 32 Users - 3 Levels: Administrator, Operator & User
INTERFACE	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
	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
AUDIO	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** - Pendent Cap



**PMT** - Pole Mount  
(Requires WMTS)



**WMTS** - Outdoor Wall Mount  
(Requires DPC135)



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