



# 4MP WDR Network IR Dome Camera

DD4I30MZ PRO



## Key Features



## Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

## Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams

## Network

- ONVIF Conformance

## Structure

- Wide temperature range: -35°C ~ 60°C (-31°F 140°F)
- Wide voltage range of  $\pm 25\%$
- IK10 vandal resistant
- 3-Axis



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## Specifications

<b>Camera</b>	<b>DD4I30MZ PRO</b>				
<b>Sensor</b>	1/3", 4.0 megapixel, progressive scan, CMOS				
<b>Lens</b>	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
<b>DORI Distance</b>	<b>Lens (mm)</b>	<b>Detect (m)</b>	<b>Observe (m)</b>	<b>Recognize (m)</b>	<b>Identify (m)</b>
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
<b>Angle of view (H)</b>	98.26° ~ 31.35°				
<b>Angle of View (V)</b>	54.76° ~ 18.55°				
<b>Angle of View (O)</b>	127.74° ~ 36.99°				
<b>Adjustment angle</b>	Pan: 0° ~ 360°		Tilt: 0° ~ 70°		Rotate: 0° ~ 360°
<b>Shutter</b>	Auto/Manual, 1 ~ 1/100000s				
<b>Minimum Illumination</b>	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR				
<b>Day/Night</b>	IR-cut filter with auto switch (ICR)				
<b>Digital noise reduction</b>	2D/3D DNR				
<b>S/N</b>	>56dB				
<b>IR Range</b>	Up to 30m (98ft) IR range				
<b>Wavelength</b>	850nm				
<b>IR On/Off Control</b>	Auto/Manual				
<b>Defog</b>	Digital Defog				
<b>WDR</b>	120dB				
<b>Video</b>					
<b>Video Compression</b>	Ultra 265, H.265, H.264, MJPEG				
<b>H.264 code profile</b>	Baseline profile, Main Profile				
<b>Frame Rate</b>	Main Stream: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P(1920*1080), Max 30fps Sub Stream: 4CIF (704*576), Max 30fps; Third Stream: CIF (352*288), Max 30fps				
<b>Video Bit Rate</b>	128 Kbps~16 Mbps				
<b>OSD</b>	Up to 4 OSDs				
<b>Privacy Mask</b>	Up to 4 areas				
<b>ROI</b>	Up to 2 areas				
<b>Motion Detection</b>	Up to 4 areas				
<b>Image</b>					
<b>White Balance</b>	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
<b>Digital noise reduction</b>	2D/3D DNR				
<b>Smart IR</b>	Support				
<b>Flip</b>	Normal/Vertical/Horizontal/180°				
<b>Dewarping</b>	NA				
<b>HLC</b>	Supported				
<b>BLC</b>	Supported				



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Smart	
Motion detection, Tampering detection, Audio detection, intrusion detection, Human body detection	
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Guard Station
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+
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	10M/100M Base-TX Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 8.7W
Dimensions (Ø x H)	Φ128.1mmx99.9mm (Ø5.04" x 3.93")
Net Weight	0.57kg (1.26lb)
Material	Metal + Plastic
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

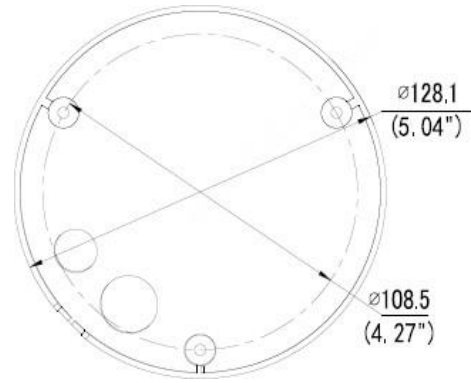
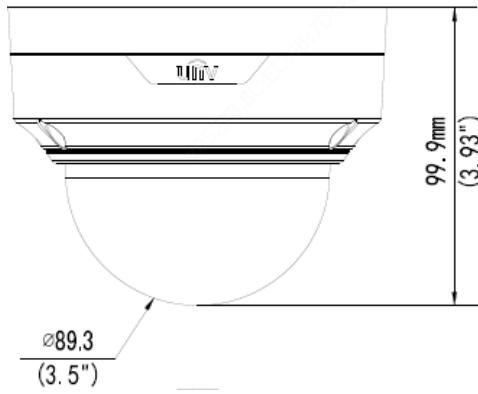


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## Dimensions



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