

IPVD-ELE5IRWZ

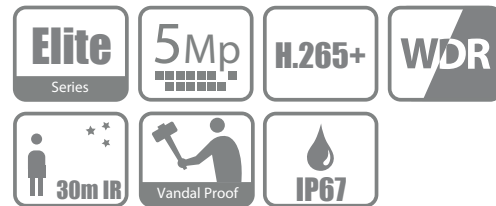
5MP Motorized IP Vandal Dome



System Overview

The IR Megapixel Vari-focal camera delivers 5MP resolution with a 2.7mm – 13.5mm varifocal lens. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small to mid-size applications at an affordable price.

- 1/2.7" 5MP progressive scan STARVIS™ CMOS
- H.265 & H.264 dual-stream encoding
- 15fps@5M(2592×1944), 25/30fps@3M(2304×1296)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 2.7~13.5mm varifocal lens
- Max IR LEDs Length 30m
- IP67, IK10, PoE



Features

Smart Codec (H.265+ & H.264+)

Smart Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart Codec technology reduces bit rate and storage requirements by up to 70% when compared to the standard video compression.

Intelligent Video analysis (IVS)

IVS system provides advanced, accurate video analytic for both IP and analog cameras. The IVS engine can track, classify and analyze the behavior of individual or group of objects over long distance to greatly improve parameter security and monitoring efficiency.

Wide Dynamic Range (WDR)

When part of an image is extremely dark but another part is so bright you can't see any details, that's dynamic range—the difference in lighting. Cameras with wide dynamic range (WDR) have special software that allows them to balance that lighting for one clear image. This makes them ideal for recording areas like store entrances where the contrast between the sunshine outside and the dim lighting inside can be extremely difficult to record.

Smart IR Technology

Smart IR is a technology built into some security cameras that adjusts the intensity of the camera's infrared LEDs to compensate for the distance of an object so that the infrared does not overexpose the object.

Image Flip

When choosing the placement for your camera it's nice to know that no matter where it's placed, a shelf, wall or ceiling you'll have easy access to viewing capabilities. Depending on what camera you are using and where it's being placed you may need to invert the camera video feed to make sure when you view the live feed everything is right side up.

Protection (IP67, IK10, wide voltage)

The camera allows for ±10% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67) and impact tests (IK10), the camera is the choice for installation in even the most unforgiving environments.

Technical Specification

Camera					
Image Sensor	1/2.7" 5Megapixel progressive CMOS				
Effective Pixels	2592(H) x1944(V)				
RAM/ROM	512MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s				
Minimum Illumination	0.02Lux/F1.6(Color,1/3s,30IRE) 0.2Lux/F1.6(Color,1/30s,30IRE) 0Lux/F1.6(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 30m(98ft)				
IR On/Off Control	Auto/ Manual				
IR LEDs	2				

Lens					
Lens Type	Motorized				
Mount Type	Board-in				
Focal Length	2.7mm~13.5mm				
Max. Aperture	F1.6				
Angle of View	H:95°~27°, V:70°~20°				
Focus Control	Motorized				
Close Focus Distance	0.3m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	64m(210ft)	26m(85ft)	13m(43ft)	6m(20ft)
	T	222m(728ft)	89m(292ft)	44m(144ft)	22m(72ft)

PTZ					
Pan/Tilt Range	Pan: 0° ~ 355°; Tilt: 0° ~ 75°; Rotation: 0° ~ 355°				

Intelligence					
Event Trigger	Motion detection, Video tampering,Scene changing,Network disconnection,IP address conflict,Illegal access,Storage anomaly				
IVS	Tripwire, Intrusion				

Video					
Compression	H.265+/H.265/H.264+/H.264				
Smart Codec	Support H.265+/h.265+				
Streaming Capability	2 Streams				
Resolution	5M(2592×1944)/4M(2688×1520)/(2560×1440)/(2304×1296)/1080P(1920×1080)/SXGA(1280×1024)/1.3M(1280× 960)/720P(1280×720)/D1(704×576/704×480)/VGA(640×480)/CIF(352×288/352×240)				
Frame Rate	5M (1 ~ 15fps)/3M(1 ~ 25/30fps)				
	D1/CIF(1 ~ 20/25fps)				
Bit Rate Control	CBR/VBR				

Bit Rate	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization(EIS)	N/A
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio	
Compression	N/A

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;Qos;UPnP;NTP;Bonjour ;IEEE802.1x;Multicast;ICMP;IGMP;TLS;RTCP
Interoperability	ONVIF Profile S&G,API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS Local PC for instant recording Micro SD Card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, DMSS
Smart Phone	IOS, Android

Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B

Interface	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

Electrical	
Power Supply	DC12V PoE (802.3af)(Class 0)
Power Consumption	<9.5W(-ZS), <7.5W(-VFS)

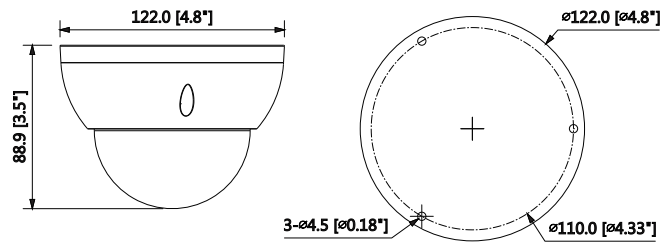
Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10

Construction

Casing	Metal
Dimensions	φ122mm×88.9mm(4.80"×3.50")
Net Weight	0.4Kg (0.88lb)
Gross Weight	0.54Kg(1.19lb)

Dimensions (mm/inch)



Accessories

Optional:



JB-EL137
Junction Box



WM-EL203W
Wall mount



PM-EL152-E
Pole mount

Junction Mount	Pole Mount
JB-EL137	WM-EL203W + PM-EL152-E
Wall Mount	
WM-EL203W	