

SPRO[®]



DHIPD12/4116RW-A

12 Megapixel IP Vandal Resistant IR Dome Camera

ONVIF



12 MEGAPIXEL



4.1~16 MM



H.265



30m IR



VANDAL RESIST



IP66

Key Features:

- 12 Megapixel progressive CMOS
- H.265&H.264 triple-stream encoding
- Max 25/30fps@4K(3840×2160) or 20fps@12M(4000×3000)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- 4.1mm ~16.4mm motorized lens
- Max IR LEDs Length 30m
- IP66 waterproof and IK10 vandal resistance
- DC12V/PoE

SPECIFICATIONS

Model Number	DHIPD12/4116RW-A
Image Sensor	1/1.7" 12Megapixel progressive scan CMOS
Effective Pixels	4000(H)x3000(V)
Scanning System	Progressive
RAM/ROM	1024MB/128MB
Min. Illumination	0.02Lux/F1.53(Color), 0Lux/F1.53(IR on)
S/N Ratio	More than 50dB
IR Distance Distance	up to 30m
IR On/Off Control	Auto/ Manual
IR LEDs	3

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Lens	
Lens Type	Motorized /Auto Iris(HALL)
Mount Type	Board-in
Focal Length	4.1~16.4mm motorized
Max. Aperture	F1.53
Angle of View	H: 105°~35° V:77° ~26°
Optical Zoom	4x
Focus Control	Motorized
Close Focus Distance	1m (3.28ft)
Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	Pan:0°~355°; Tilt:0°~65°; Rotation:0°~355°
Video	
Compression	H.265/H.264
Streaming Capability	3 Streams
Resolution	12M(4000x3000)/ 4K(3840x2160)/ 6M(3072x2048)/ 5M(2560x1920)/ 3M(2048x1536)/ 3M(2304x1296)/ 1080P(1920x1080)/ 1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480) /VGA(640x480)/CIF(352x288/352x240)
Frame Rate	Main Stream: 12M(1~20fps)/ 4K(1~25/30fps) Sub Stream: D1(1~25/30fps) / Third Stream: 1080P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 768K~ 14592Kbps H.265: 256K ~ 8704Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR/ SSA
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Defetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	Support
Smart IR	Support

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Defog	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	G.711a/ G.711Mu/ AAC/ G.726
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; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	SPRO CSS, EASYVIEWER
Smart Phone	iPhone, iPad & Android
Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	1/1 channel In/Out

Electrical

Power Supply DC12V,AC24V, PoE (802.3at)(Class 4)

Power Consumption <18W

Environmental

Operating Conditions -40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH

Storage Conditions -40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH

Ingress Protection IP67

Vandal Resistance IK10

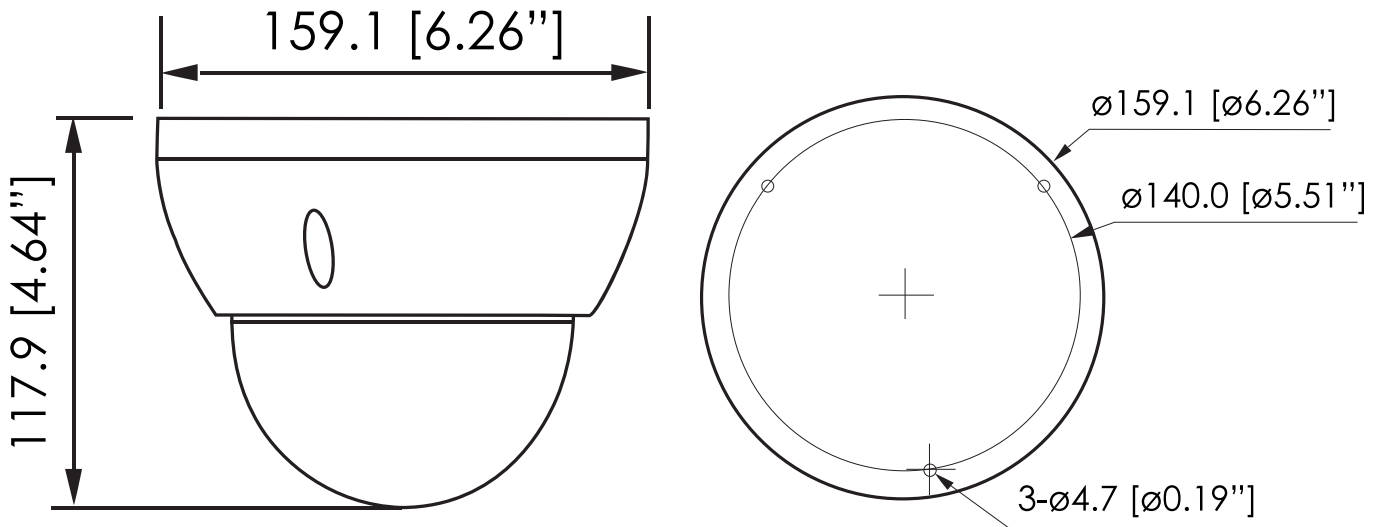
Construction

Casing Metal

Dimensions $\varnothing 159.1\text{mm} \times 117.9\text{mm}$ ($\varnothing 6.26'' \times 4.64''$)

Net Weight 0.96kg(2.12lb)

Gross Weight 1.75 kg(3.56lb)



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