

**SPRO**<sup>®</sup>



## DHD20/28RW-4-T-M

2Megapixel 1080P Water-proof  
With Microphone Built-in



2 MEGAPIXEL



2.8MM



50m IR



MICROPHONE



IP66

### Key Features:

- 1080P@25fps
- Smart Detection supported
- Microphone Built-in (Directional)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 2.8mm fixed lens
- Max. IR length 50m, Smart IR
- IP66, DC12V



## SPECIFICATIONS

<b>Model Number</b>	DHD20/28RW-4-T-M
<b>Image Sensor</b>	1/2.7" CMOS
<b>Effective Pixels</b>	1920(H)×1080(V), 2MP
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	1/25~1/100000s
<b>Min. Illumination</b>	0.02Lux/F1.85, 30IRE, 0Lux IR on
<b>S/N Ratio</b>	More than 65dB
<b>Max. IR LEDs Length</b>	Up to 50m
<b>IR On/Off Control</b>	Auto/ Manual
<b>IR LEDs</b>	1

(continued)

## Lens

<b>Lens Type</b>	Fixed lens / Fixed iris
<b>Mount Type</b>	Board-in
<b>Focal Length</b>	2.8mm
<b>Max Aperture</b>	F1.85
<b>Angle of View</b>	H:89.9°
<b>Focus Control</b>	N/A

## Pan/Tilt/Rotation

<b>Pan/Tilt/Rotation Range</b>	Pan:0°~360° / Tilt: 0° ~ 78° / Rotation: 0° ~ 360°
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## Video

<b>Resolution</b>	1080P (1920×1080)
<b>Frame Rate</b>	25fps@1080P, 25/50fps@720P
<b>Video Output</b>	1-channel BNC HD-CVI video output
<b>Day/Night</b>	Auto (ICR) / Manual
<b>OSD Menu</b>	Multi-language
<b>BLC Mode</b>	BLC / HLC / DWDR
<b>WDR</b>	DWDR
<b>Gain Control</b>	AGC
<b>Noise Reduction</b>	2D
<b>White Balance</b>	Auto / Manual
<b>Smart IR</b>	Auto / Manual

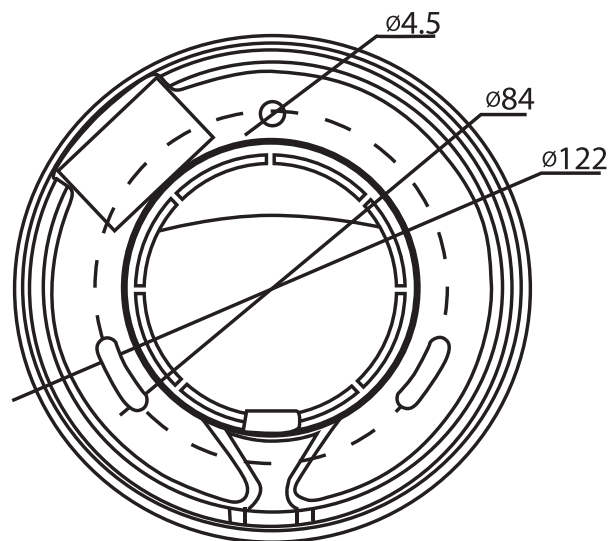
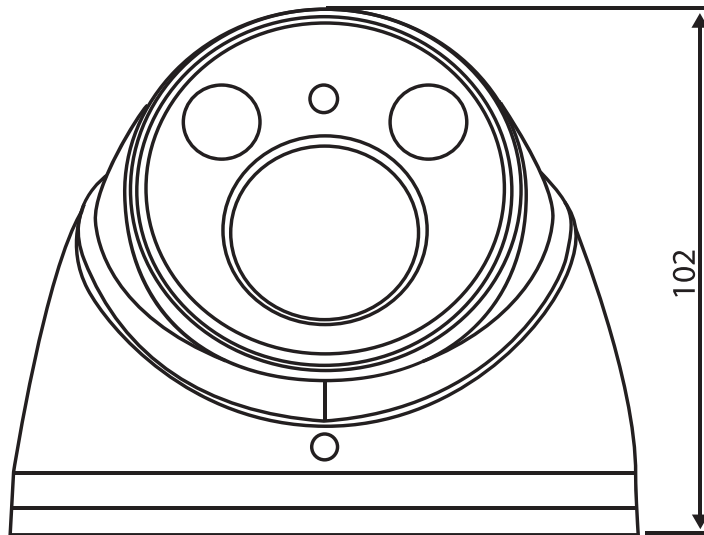
## Interface

<b>Audio Interface</b>	Built-in Mic (Directional)
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## General

<b>Power Supply</b>	12V DC ±25%
<b>Power Consumption</b>	Max 3.2W (12V DC, IR on)
<b>Operating Conditions</b>	-40°C ~ +60°C / Less than 90% RH
<b>Storage Conditions</b>	-40°C ~ +60°C / Less than 90% RH
<b>Ingress Protection</b>	IP66

<b>Casing</b>	Aluminium
<b>Dimensions</b>	Φ106mm×93.7mm (Φ4.17"×3.69")
<b>Net Weight</b>	0.44kg (0.97lb)
<b>Gross Weight</b>	0.58kg (1.28lb)



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