

# DHI-ARD1130-CAM

## PIR-CAM Module



- 1.3-MP 1/3" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 1.3 MP (1280 × 960).
- Built-in IR LED, and the max. IR illumination distance is 15 m.



### Functions

#### Day/Night

Dahua Day/Night function provides color image when illumination is adequate; when illumination is inadequate, it switches night mode and provides white and black image. It can guarantee that the network camera can work normally when illumination changes.

### Technical Specification

#### Camera

Image Sensor	1/3" CMOS
Max. Resolution	1280 (H) × 960 (V)
Electronic Shutter Speed	Auto 1/30 s–1/100,00 s
Illumination Distance	Up to 15 m (49.21 ft) (IR)
Illuminator On/Off Control	Auto
Illuminator Number	2 (IR LED)

#### Lens

Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm
Max. Aperture	F2.0
Field of View	H: 112°; V: 60°; D: 133°
Iris Control	Fixed
Close Focus Distance	0.5 m (1.64 ft)

	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	40.0 m ( 131.23 ft)	16.0 m ( 52.49 ft)	8.0 m ( 26.25 ft)	4.0 m ( 13.12 ft)
DORI Distance	*DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.				

#### Video

Resolution	1.3M (1280 × 960); VGA (640 × 480); QVGA(320 × 240); (160 × 120)
Day/Night	Auto(ICR)/Color/B/W

#### Certification

Certifications	CE
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#### Power

Power Supply	Provided by siren: 3 VDC
Power Consumption	Basic: 1.4 W; Max.: 3.6 W (IR + ICR switch)

#### Environment

Operating Temperature	–25 °C to +60°C (–13 °F to +140 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP66

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## Structure

Casing Material	Plastic
Product Dimensions	80.0 mm × 64.6 mm × 58.4 mm (3.15" × 2.54" × 2.30") (L × W × H)
Gross Weight	230.0 g (0.51 lb)

## Ordering Information

Type	Part Number	Description
IR CAMERA MODULE	DHI-ARD1130-CAM	PIR-CAM Module

## Dimensions (mm[inch])

