12MP Parking Space Detection Fisheye Camera

PKC17C0@12-C

Overview

The camera is developed based on a 12MP CMOS image sensor, with a fixed-focal fisheye lens. It allows to detect 12 parking spaces, used to monitor the parking space status in large parking lots. The built-in 7-color indicator lights for effective parking guidance.

Features

- Features

- Optics

- Built-in 1.8mm fixed-focal lens and F2.0 aperture.

- Compression

- Supports main stream, sub stream, and third stream video output.

- Advanced H.265 encoding technology improves compression efficiency.

- Custom OSD allows various vehicle information to be overlaid on the video image.

- Smart

- Built-in intelligent vehicle algorithm.

- Supports motion detection, tampering detection, and alarm-triggered actions.

- Structure
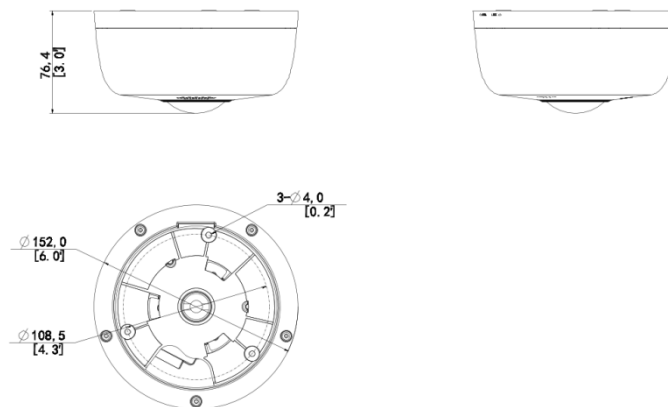
- PoE (802.3at) power supply.

- 7-color indicator allows to configure idle, busy, and alarm scenarios.

- Built-in mic and speaker.

- IP67 protection.

Specifications

Camera	Description
Sensor	1/1.7" 12MP CMOS
Focal length	1.8mm
Shutter	1/100000 to 1/25s
Minimum illumination	0.03lux
Lens type	Fixed-focal lens
Iris	F2.0
FOV	180°
Image	Description
Resolution	Main stream: 3840*2160; Sub stream: 3280*2464, 2000*2000; Third stream: 720*576 (D1), 352*288 (CIF)
Frame rate	20, 18, 16, 15, 12, 10, 8, 6, 5, 4, 3, 2, 1
Video compression	H.264 (default), H.265
ROI	Support, up to 8 areas
Video OSD	Supports custom OSD on live view and image
Image OSD	Supports custom OSD on live view and image
Privacy mask	Support, up to 4 areas
Interface	Description
Network interface	1 x 1000M/100M/10M adaptive Ethernet copper port
Serial port	1 xRS485
Boolean output	1 x alarm output
Boolean input	2 x alarm input
Audio interface	1 x audio output, 1 x audio input
Built-in mic	Support
Built-in speaker	Support

BNC	Support
Service Config	**Description**
Third-party server	Two photo servers via HTTP, VIID, and FTP protocols; MQTT server via MQTT protocol
Smart	**Description**
Parking space detection	Supports detecting 12 parking spaces
Parking space detection rate	99%
Structure	**Description**
Indicator	7-color LED indicator, displays the parking space status
Mount method	Adapter panel
General	**Description**
Power supply	DC 12V $\pm$25%, PoE (802.3at)
Weight	690g
Ingress protection	IP67

Dimensions

Ordering Info

Product Model	Description

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