

# 12MP Parking Space Detection & License Plate Recognition Fisheye Camera

PKC17C0@6-C-LP



## Overview

The camera is developed based on a 12MP CMOS image sensor, with a fixed-focal fisheye lens. It allows to detect 6 parking spaces and recognize 6 license plates, 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.

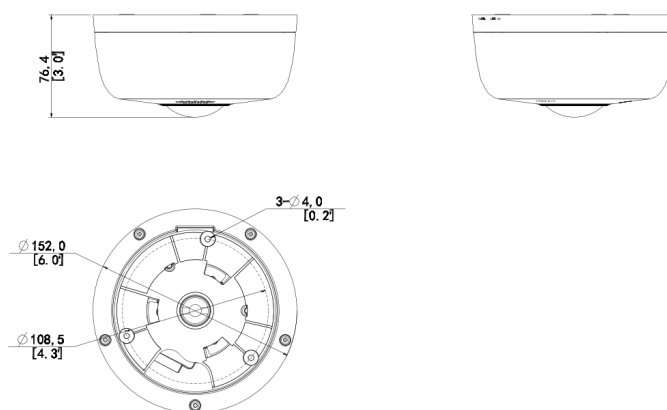
- 7-color indicator allows to configure idle, busy, and alarm scenarios.
- Built-in mic and speaker.
- IP67 protection.

## 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 6 parking spaces and recognizing 6 license plates
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
---------------	-------------

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2024 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.

\*Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.