

Reolink

PRO SERIES



RP-PCV8MZ

4K IK10 VANDAL-PROOF POE DOME CAMERA WITH 5X OPTICAL ZOOM



Overview

Why RP-PCV8MZ?

With High Resolution, **Color Night Vision**, and advanced **AI** features, your security is always under control.

4K 8MP Ultra HD

5X Optical Zoom for Flexible Coverage

ReoNeura AI Technology

AI Video Search

Perimeter Protection

IK10 Vandal-Proof & IP67 Waterproof

Alarm Interface Available

Contact Us

www.reolink.com

4K

4K UHD

Capture the crucial details of any moment with crisp 4K image quality and unmatched flexibility, even at night



AI Analysis

The algorithm analyzes significant movement patterns, ensuring that you receive alerts. motion detection; person detection; vehicle detection; animal detection



Color Night Vision

Equipped with spotlights, it delivers full-color live feeds day and night. Black & white night vision supported by IR LEDs is also available.



Two-Way Audio & Siren

Built-in microphone & speaker for remote communication. Integrated siren to deter intruders.



Time Lapse

Watch long-term processes like birthdays, plant growth, and construction in an enjoyable short video

5x

5X Optical Zoom

5x optical zoom, allowing you to capture distant details clearly without image quality loss. Its motorized lens provides flexible monitoring for wide areas and close-up viewing of critical points.

Video & Audio

Image Sensor

1/2.8" CMOS sensor

Resolution

3840X2160 (8 megapixels)
@30fps

Lens

f=2.7-13mm F=1.6, with IR cut

Zoom

5X Optical Zoom

Video Compression

H.264/H.265

Field of View

Horizontal: 108°- 32°
Vertical: 56.2°- 18°
Diagonal: 133°- 36.7°

Day & Night

IR-cut filter with auto-switching

Color Night Vision

Spotlights: 2pcs/0-3W
adjustable/4000K/350 Lumens

Infrared Night Vision

Up to 30 meters (100ft) (LED:
4pcs/3w/850nm)

Audio

Two-way audio

Ethernet

One 10M/100Mbps RJ45

SD Card Slot

Supports Max. 512GB
microSD card

Reset Button

YES

Alarm In/Out

1 input, 1 output (input:12V/1A;
output:12V/500mA)

Audio In/Out

Built-in microphone and
speaker

AI Analysis

Perimeter Intrusion
Region Intrusion Detection
Suspicious Activity
Abandoned Object
Removed Object
Loitering Detection
AI ISP
HDR
People Counting
Crowd Detection
AI Video Search

Software

Frame Rate

Main stream: 2fps - 30fps
Sub stream: 4fps - 15fps

Code Rate

Main stream: 2048Kbps -
9216Kbps
Sub stream: 64Kbps - 512Kbps

Browsers Supported

IE, Edge, Chrome, Firefox,
Safari

OS Supported

PC: Windows, Mac OS;
Smartphone: iOS, Android

Protocols & Standards

HTTP, HTTPS, SSL, TCP/IP, UDP,
UPnP, RTSP, RTMP, SMTP, NTP,
DHCP, DNS, DDNS, P2P, FTP

User Access

20 users (1 admin account &
19 user accounts); supports
up to 12 simultaneous video
streams (10 sub-streams & 2
main streams)

Smart Alarm

Motion detection/Person
Detection/Motor Vehicle
Detection/Non-motorized
Vehicle Detection/Animal
Detection/Package Detection

Perimeter Protection

Line Crossing Alert/Zone
Intrusion Alert/Zone Loitering
Alert

Smart Event Detection

Object Removal (beta)
Forgotten Object (beta)

Recording Modes

Motion recording, schedule
recording, 24/7 recording

AI Video Search

YES

AI ISP

YES

HDR

YES

Time Lapse

YES

Work with

Google Assistant/Reolink
Cloud (available in some
countries)

Working Environment

Operating Temperature

-30°C~55°C

Operating Humidity

10% ~ 90%

Weatherproof

IP67/IK10

Mechanical

Dimensions

Φ138x100mm

Weight

845g

Warranty

Limited Warranty

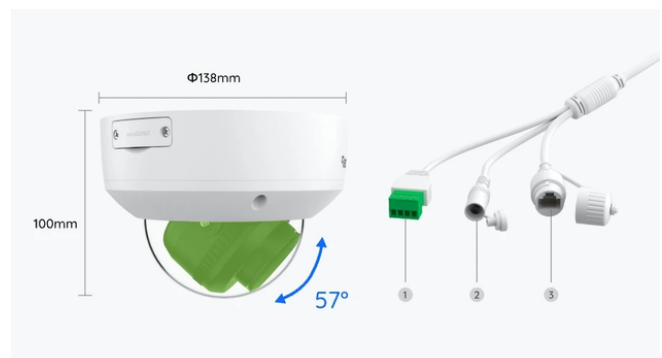
2-year limited warranty. For
support, visit
<https://support.reolink.com/hc/en-us/>.



1 . MicroSD Card Slot 2 . Reset Button



1 . Screw Hole 2 . VandalProof Housing
3 . Microphone 4 . IR LED
5 . Lens 6 . Spot LED 7 .Speaker



1 . Alarm I/O
2 . Power Port
3 . Network