

Reolink

PRO SERIES



RP-PCT8MD

PANORAMIC PROTECTION IN 4K



Overview

Why RP-PCT8MD?

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

4K 8MP Ultra HD

Panoramic **180°** Dual Lens

Color Night Vision

AI Video Search

Perimeter Protection

Smart Event Detection

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

180°

180° FOV

Reolink RP-PCT8MD features an ultra-wide 180° field of view, covering large areas with a single camera while minimizing blind spots.

Video & Audio

Image Sensor

1/2.65" CMOS sensor

Resolution

5120x1552 (8 megapixels)
@25fps

Lens

f=2.8 F=1.6, with IR cut

Video Compression

H.264/H.265

Field of View

Horizontal: 180°
Vertical: 57°

Day & Night

IR-cut filter with auto-switching

Color Night Vision

Spotlights:
6pcs/3.5W/4000K/400 Lumens

Infrared Night Vision

Up to 30 meters (100ft) (LED:
6pcs/3w/850nm)

Audio

Two-way audio

Interface

Power Port

DC 12.0V=2A, <12W

PoE

IEEE 802.3af, 48V, Active

Ethernet

One 10M/100Mbps RJ45

SD Card Slot

Supports Max. 512GB
microSD card

Reset Button

YES

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
AI Video Search

Software

Frame Rate

Main stream: 2fps - 25fps
Sub stream: 4fps - 20fps

Code Rate

Main stream:3072Kbps-
10240Kbps
Sub stream:256Kbps-2048Kbps

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/Human
Detection/Vehicle
Detection/Animal 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

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

Mechanical

Dimensions

Φ132x131x72mm

Weight

775g

Warranty

Limited Warranty

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



- 1 . Lens
- 2 . Microphone
- 3 . Daylight Sensor
- 4 . Spotlight & IR LED

- 5 . Speaker
- 6 . microSD Card Slot
- 7 . Reset Button



- 1 . Power Port
- 2 . Network
- 3 . Port Cover