



## Cam5MP Dome IP67

# Cloud Managed AI Outdoor Dome with 256GB Storage

### Overview

The EnGenius Cloud Camera Cam5MP Dome (ECC100) is a cloud-managed outdoor surveillance solution for SMBs seeking scalable security. It enables seamless remote monitoring via the cloud dashboard and mobile app. This camera includes 256GB of built-in storage for reliable HD video recording, reducing reliance on traditional NVRs. Enhanced with a 5MP Sony Starvis sensor with HDR, a 132° viewing angle, and a 20m IR range, it delivers clear imaging in all lighting conditions. IP67 and IK10-rated, it is built to withstand harsh environments. Advanced AI technology detects unusual people and vehicles in real time, triggering instant alerts and enabling AI-powered searches to reduce footage review time from hours to minutes.



### Features & Benefits

- Cloud Dashboard Management and Mobile App monitoring anywhere
- 5MP Sony Starvis sensor with HDR of crystal-clear image quality day and night
- Wide view angles of 132° and long IR distance of 20m fit a complicated environment
- Camera durable 256GB storage for event and continuous recording 24x7
- IP67 and IK10 for tough weather and vandal-resistant
- AI NPU of people and vehicle detection for instant alert, search, and statistics

# Technical Specifications

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### Sensor

1/2.8 " Sony Starvis 5MP CMOS

### Lens

Fixed 3.16mm

### View Angle

H: 102°, V: 71.6°, D: 132°

### Night Vision

Built-in IR LED illumination and IR cut filter

### IR Distance

>20m / 66ft

### Lens Adjustment Range

Manual, Pan: 0° ~ 350°, Tilt: 0° ~ 90°, Roll: 0° ~ 350°

## Video

### Resolution

5MP 2592 x 1944 (4:3)

### Frame Rate

20 FPS

### Video Compression

H.265, H.264

### Streaming Bitrate

768Kbps ~ 2.5Mbps (Optional)

### Video Processing

AE, AWB, AGC, BLC, HLC, WDR, HDR, 3DNR, Privacy Mask, OSD, Video Orientation

## Audio

### Audio Format

AAC, G.711

### Microphone

Built-in, 5m / 15ft distance

### Speaker

Not supported

## Advanced AI Analytics

### AI NPU

Built-in

### People Detection and Tracking

History search, People counting

### Vehicle Detection and Tracking

History search, Vehicle counting

### Tampering Detection

Event alert

### Restricted Area Detection

Event alert, Object counting

### Cross Line Detection

Event alert, Object counting

### EnGenius Cloud AI

Support

## Storage

### Storage Size

256GB on board

### Retention Method

24/7 seamless, Auto Recycling

### Retention Days

20 days based on video bitrate

### Storage Redundancy

Support EnGenius NVS and Cloud storage

## System

### LED Indicator

System power and status indicator

### RTSP

Supported

### Reset Button

Internal

### Networking Interface

10/100 MbE RJ45 port

### Power Method

PoE 802.3af Class 2

### Max. Power Consumption

6.1W

### Operating Temperature

-20°C ~ 50°C / -4°F ~ 122°F

### Humidity

98%

### Certifications

CE, FCC

## Mechanical

### Enclosure Material

Aluminum alloy, Polycarbonate

### Weatherproofing

IP67

### Resistance

IK10

### Dimensions

Ø121.7 x 94.8 mm (Ø4.79 x 3.73")

### Weight

525g / 18.5oz

## Management Software

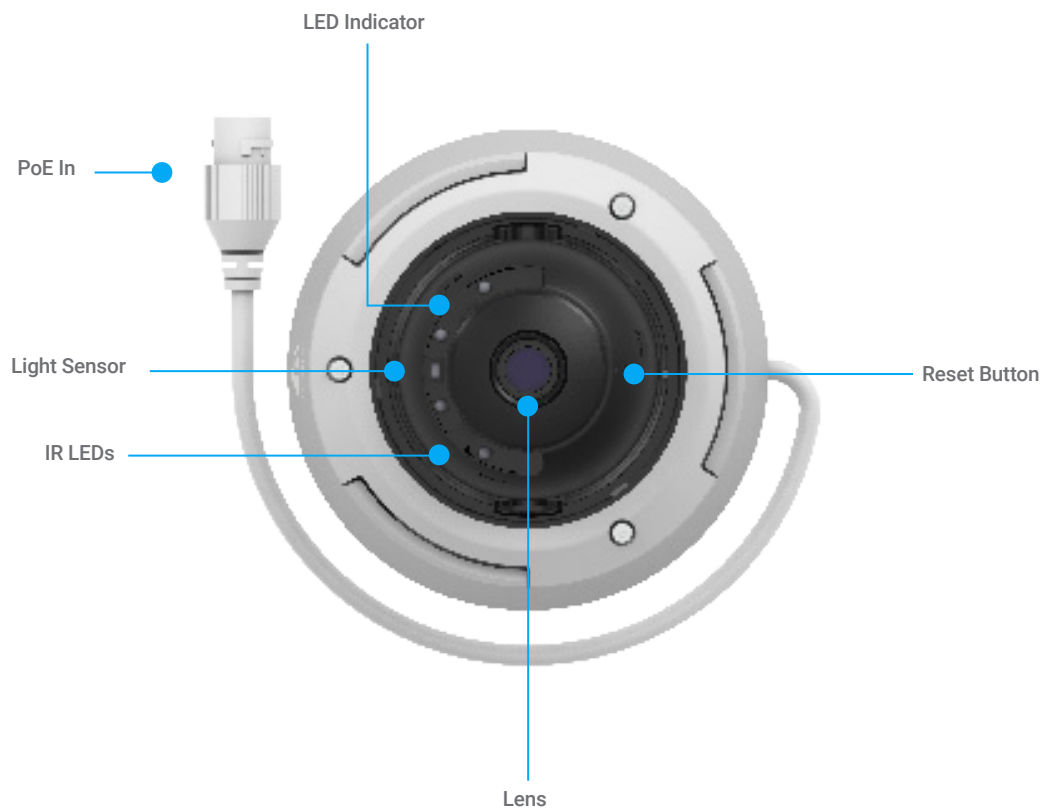
### Web Browser

Chrome, Safari, Edge

### Mobile App

Cloud To-Go on iOS and Android

## Hardware Overview



### EnGenius Technologies | California, USA | Ontario, Canada

Email: [support@engeniustech.com](mailto:support@engeniustech.com)

Website: [www.engeniustech.com](http://www.engeniustech.com)

Local contact (USA): (+1) 714 432 8668

Local contact (Canada): (+1) 905 940 8181

### EnGenius Networks Private Limited | Hyderabad, India

Email: [indiasales@engeniustech.com](mailto:indiasales@engeniustech.com)

Website: [www.engeniustech.com/in/](http://www.engeniustech.com/in/)

Local contact: (+91) 9845514455

### EnGenius Networks Europe B.V. | Eindhoven, Netherlands

Email: [support@engeniustech.com](mailto:support@engeniustech.com)

Website: [www.engeniustech.com/eu/](http://www.engeniustech.com/eu/)

Local contact: (+31) 40 8200 887

### EnGenius Networks Singapore Pte Ltd. | Singapore

Email: [techsupport-sg@engeniustech.com](mailto:techsupport-sg@engeniustech.com)

Website: [www.engeniustech.com/apac/](http://www.engeniustech.com/apac/)

Local contact: (+65) 6227 1088

### EnGenius Networks Dubai | Dubai, UAE

Email: [support-me@engeniustech.com](mailto:support-me@engeniustech.com)

Website: [www.engeniustech.com/apac/](http://www.engeniustech.com/apac/)

Local contact: (+971) 4 339 1227

### 恩碩科技股份有限公司 | Taiwan, R.O.C.

Email: [sales@engeniustech.com](mailto:sales@engeniustech.com)

Website: [www.engeniustech.com/tw/](http://www.engeniustech.com/tw/)

Local contact: (+886) 933 250 628

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Version 1.0 03102025

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