



## Cam5MP Bullet IP66 Cloud Managed AI Outdoor Bullet without Storage

### Overview

The EnGenius Cloud Camera Cam5MP Bullet IP66 (ECC120Z) 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 can backup video to EnGenius NVS for reliable HD video recording. Enhanced with a 5MP Sony Starvis sensor with HDR and a 30m IR range, it delivers crystal-clear imaging in low-light conditions. Built for durability, it is IP66-rated for 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
- 3DNR and long IR distance of 30m of excellent night vision
- Record to external storage for event and continuous recording 24x7
- IP66 and working -20°C ~ 50°C / -4°F ~ 122°F for tough weather conditions
- AI NPU of people and vehicle detection for instant alert, search, and statistics

# Technical Specifications

## Optics

### Sensor

1/2.8" Sony Starvis 5MP CMOS

### Lens

Fixed 4mm

### View Angle

H: 78°, V: 56°, D: 103°

### Night Vision

Built-in IR LED illumination and IR cut filter

### IR Distance

30m / 98ft

### Lens Adjustment Range

Manual, Pan: 0°~90°, Tilt: 0°~90°, Roll: 0°~180°

## Video

### Resolution

5MP 2592 x 1944 (4:3)

### Frame Rate

20 FPS

### Video Compression

H.265, H.264

### Streaming Bitrate

768Kbps, 1.5Mbps, 2Mbps (Optional)

### Video Processing

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

## Audio

### Microphone

Not supported

### 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

### Room Occupation

Event alert

### EnGenius Cloud AI

Support

## Storage

### Retention Method

24/7 seamless, Auto Recycling

## Storage Redundancy

Support EnGenius NVS and Cloud storage

## System

### LED Indicator

System power and status indicator

### RTSP

Supported

### Reset Button

External line

### Networking Interface

10/100 MbE RJ45 port

### Power Method

PoE 802.3af Class 3

### Max. Power Consumption

7.5W

### Operating Temperature

-20°C ~ 50°C / -4°F ~ 122°F

### Humidity

98%

### Certifications

CE, FCC

## Mechanical

### Enclosure material

Polycarbonate

### Weatherproofing

IP66

### Dimensions

Ø76x 200 mm (Ø2.99 x 7.88")

### Weight

330g / 11.64oz

## Management Software

### Web Browser

Chrome, Safari, Edge

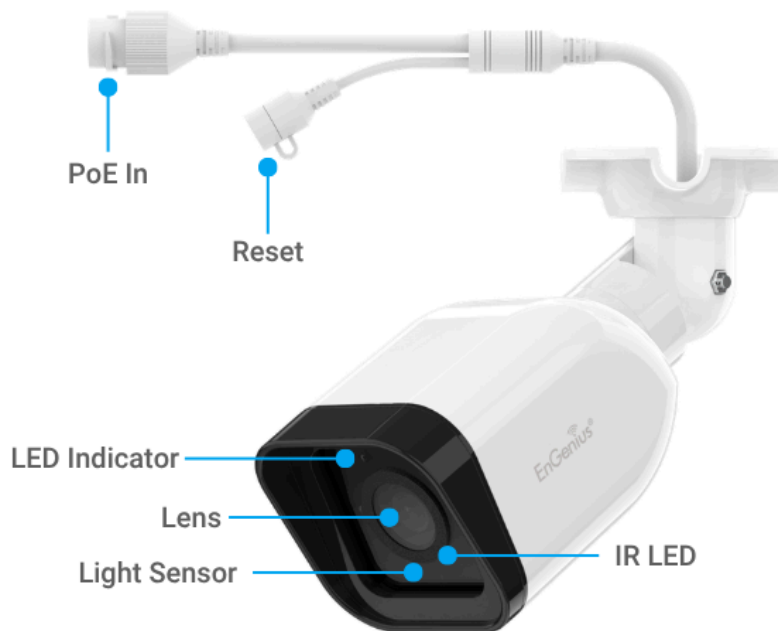
### Mobile App

Cloud To-Go on iOS and Android

### TV App

EnGenius Sight on Google TV

## Hardware Overview



Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.

