

Introduction

A Dome camera is a small camera designed for security applications. Dome cameras get their name from their dome-shaped structure. The camera is typically connected to a surveillance system. These cameras allow businesses and individuals to monitor their property for suspicious activity.

Dome cameras offer a sleek design and a flexible range of areas they can be easily placed. The shape of a Dome camera allows it to accommodate a large lens, it is designed to withstand all elements, both inside & outside. It works even in low light or low light setting due to the built-in infrared LEDs.

Uses

Dome camera is one most commonly used for indoor and outdoor security and surveillance. The shape of the camera makes it difficult for onlookers to tell which way the camera is facing, which is a strong piece of design, deterring criminals by creating an air of uncertainty.

Features

- Easier to install compared to other types of surveillance cameras.
- Dome cameras are typically capable of housing.
- It offers high resolution according to model.
- IR for night vision.
- It is water resistant



Technical Specifications

Sr. No	Parameter	Value
A	General	
1	Base specifications	2MP IR IP H.265 Dome camera
2	Resolution	2 MP (1920(H)*1080(V))
3	Electronic Shutter Range	1/30 ~ 1/100000s or better
4	Automatic Gain Control	Automatic / Manual
5	Lens	3~10mm, Auto Focus motorized zoom lens
6	Video Codec/ Compression	H.265+/ H.265, /H.264, MJPEG or better
7	Light sensitivity/ minimum illumination	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR on
8	Backlight Compensation	Required, Camera should adjust BLC feature automatically depending on the light condition
B	Video Capabilities	
1	Day and Night functionality	Automatic, Color, Mono
2	IR illuminator	Internal Illuminator with visibility
3	Wide Dynamic Range	Yes ≥120dB
4	HLC	Available
5	Video Streams	Triple Stream, individually configurable video streams (H.265+, H.265, H.264, MJPEG)
6	Intelligent Video	Intrusion, crossing line, Motion detection, Face detection, Defocus, Scene Change, Missing Object, Abandoned Object, People counting
C	Network & Interface	
1	Interface	RJ-45 for 10Base-T/100Base-TX Ethernet
2	Supported Protocols	IPv4, IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, SNMP
3	Network Storage	ANR (Automatic Network Replenishment)
4	Alarm Event	Events / alerts send via FTP, SMTP, HTTP, Pre/Post alarm video buffering.
5	Compatible Integration	ONVIF profile S & G

6	Power	12V DC
7	Storage	Support up to 128GB
8	Casing	IP67 with Surge Protection
D	Product Certification	
1	Certification	CE, RoHS, BIS