

# IC-E20FH-28

2MP Value Series IR Fixed-focal Eyeball IP Camera



## Key Features

- 1/2.9" Progressive Scan CMOS Sensor
- 2.8 mm fixed lens
- Max resolution 1920×1080
- DWDR, 3D DNR, BLC, Defog
- IR distance up to 25m
- Built-in MIC
- 12V DC/PoE power supply
- IP67



## Product Overview

Simple installation, easy operation, and high performance-cost ratio, Value series IP camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises.

## Support H.265

H.265 encoding technology realizes the higher encoding efficiency than H.264 and MPEG4, provides high-quality video, and reduces the cost of storage and transmission.

## ONVIF Standard

The Value Series Eyeball IP Cameras are designed to adhere to ONVIF Profile G and S open communication standards for simple integration into IP systems.

## IP67 Weatherproof Rating

These Eyeball IP camera is equipped with IP67 weatherproof de-signed. It can be used indoors and outdoors in any harsh weather conditions.

## Technical Specification

### Camera

Image Sensor	1/2.9" Progressive Scan CMOS Sensor
Resolution	2MP 1080P
Effective Pixels	1920(H) x 1080(V)
Compression	H.265+, H.265, H.264+, H.264, AVI
Electronic Shutter	Auto: PAL 1/25-1/10000Sec
Min Illumination	Color: 0.008 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive

### Lens

Lens Mount	M12
Focus Length	2.8mm
Lens Type	Fixed

### Night Vision

Infrared LED	42μ x 2PCs
Infrared Distance	25Meter
IR Status	Auto Control
IR Power On	Smart, Manual & Timed mode

### Network

Ethernet	RJ-45 (10/100Base-T)
Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, UDP
Interface Protocol	ONVIF (Profile S / T / G)
PoE	IEEE 802.3af
Main Stream	1920x1080@30fps, 1280x720@30fps
Sub Stream	720x480@30fps, 352x288@30fps
Support Brower	Google Chrome, Firefox, Apple Safari
Smart Phone	iPhone, Android

### Features

Day / Night	Color / B&W (IR-Cut)
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)
Defog Mode	Support

BLC	Support
WDR	DWDR
Privacy Masking	3 Rectangular Zone

### Interface

Audio	Built-in MIC
Audio Compression	G.711A, G.711U, AAC

### General

Housing	Metal , IP67
IR Cut Filter	Yes
Operation Temperature	-20°C ~ +60°C RH95% Max
Power Source	DC12V ± 10%, 700mA
Dimension	∅ 96 x 91(H) mm
Weight	600g

### Certification

Certification	FCC Part 15B EN 55032:2015+A1:2020 EN 55035: 2017+A11:2020 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017
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### Dimensional Diagrams

