CITY SCAN
TECH



Vista Series

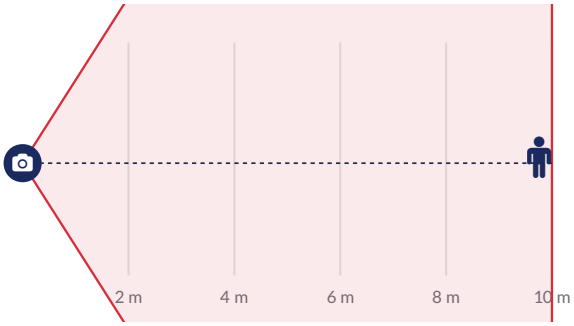
CS-VF12M2.0

12 MP Fisheye Network Camera

12 MP fisheye camera whose 2.0 mm lens covers 180° when wall-mounted or a full 360° when ceiling-mounted, with 10 m IR, built-in microphone & speaker and IP66 protection.

COVERAGE

2.0 MM · 180° HFOV · 10 M IR



KEY HIGHLIGHTS

- 360° ceiling · 180° wall view
- 12 MP · 4000 × 3000 detail
- Built-in microphone & speaker
- Alarm trigger

12MP 12 MP Resolution	360° Panoramic	2.0 mm Fisheye Lens	10 m IR Night Vision
Microphone & Speaker	MicroSD up to 256 GB	PoE Powered	IP66 Weatherproof

KEY FEATURES

- 1/2.3” progressive CMOS, 12 MP
- 4000 × 3000 max resolution
- 2.0 mm fisheye, F2.0 · 180° / 360° views
- H.265+ / H.264+ / MJPEG, up to 16 Mbps
- Triple stream · square modes 3000^2 to 720^2
- DWDR · BLC · ROI

IDEAL FOR

- Retail stores
- Offices
- Villas
- Warehouses
- Entrances
- Parking areas

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— SECTION 01

Technical Specifications

REFERENCE
CS-VF12M2.0
12 MP · Fisheye

01 Imaging

Image Sensor	1/2.3" Progressive CMOS
Resolution	12 MP · 4000 (H) × 3000 (V)
Min. Illumination	Colour 0.03 lux @ F2.0 (AGC ON) · B/W 0 lux @ IR on
Day / Night	IR-cut filter with auto switch (Day / Night / Auto / Image / Schedule)
Wide Dynamic Range	DWDR
BLC	Supported
ROI	Supported
Shutter	1/5 – 1/20,000 s

02 Lens

Lens	2.0 mm fisheye
Aperture	F2.0 ±5%
Field of View	Horizontal 180° (wall mount) · 360° (ceiling mount)

03 Illumination

LEDs	3 (SMD)
IR Range	Up to 10 m

04 Video

Compression	H.265 / H.264 / H.265+ / H.264+ / MJPEG
Bitrate	256 Kbps – 16 Mbps
Triple Stream	Yes
Stream Mode 1	Main 4000×3000 · Sub 1280×960, 640×480 · Mobile 640×480
Stream Modes 2 – 7	Main 3000×3000 / 2560×2560 / 2160×2160 / 1520×1520 / 1080×1080 / 720×720 · Sub 1080×1080, 720×720, 480×480 · Mobile 480×480

05 Audio & Smart

Microphone	Yes
Speaker	Yes
Alarm Trigger	Yes
Video Output	N/A
Edge Storage	MicroSD slot, up to 256 GB
Reset Button	Yes
Smart Feature	N/A
Video Analytics	N/A

06 Network

Interface	RJ45 10M / 100M
Protocols	TCP/IP · HTTP · HTTPS · DHCP · DNS · DDNS · RTP/RTSP · PPPoE · SMTP · NTP · UPnP · SNMP · FTP
Compatibility	ONVIF Profile S / G / T

07 Electrical

Power Supply	DC 12 V / PoE
Power Consumption	3.8 – 9.6 W

08 Mechanical

Dimensions	Ø 120 × 55 mm
Weight	Approx. 400 g
Ingress Protection	IP66

09 Environmental

Operating Temperature	−35 °C to +60 °C

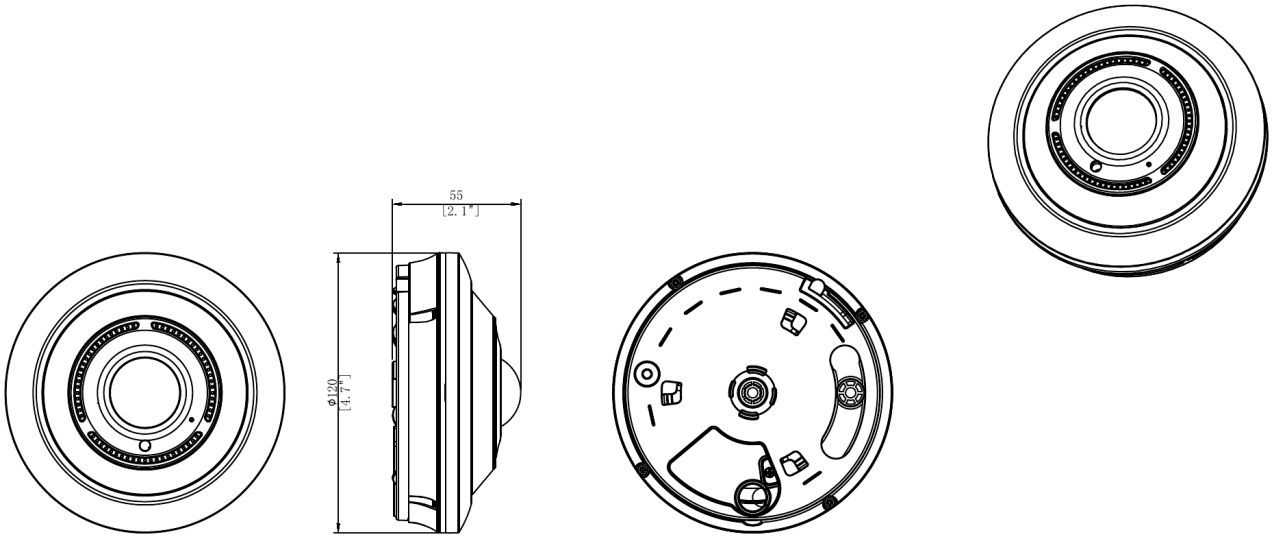
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— SECTION 02

Dimensions, Build & Ordering

DRAWING
ALL UNITS MM
TOL ±0.5

FIG 01 · DIMENSIONAL DRAWING



In the Box

- Fisheye camera unit
- Self-adhesive mounting template
- Wall plug & screw kit
- Waterproof RJ-45 connector
- Quick-start guide
- Warranty card

Ordering Information

SKU / MODEL CODE
CS-VF12M2.0

Vista · 12 MP Fisheye, 2.0 mm, 180° / 360°, PoE, IP66

REGULATORY & CERTIFICATIONS

CE · FCC · ROHS · ONVIF

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