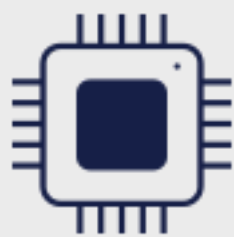




Key Features



1/1.7 " progressive scan CMOS



1.83 mm Fixed Lens



12 MPx (4000x3000) @ 20fps



5 Year Warranty



Triple streams



3D DNR, Real WDR, ROI, HLC, Defog, EIS



IP66 outdoor rating



Smart IR technology, range up to 49.2 Ft.

Specifications

General

Image Sensor	1/1.7" Progressive Scan CMOS
Pixel Count	4000 (H) × 3000 (V)
Shutter	Automatic / Manual
Shutter Speed	1/5 to 1/20,000 Seconds
Signal / Noise Ratio	55 dB
IR Technology	Smart IR
IR Range	Up to 49.2 Ft (15m)
IR Control	Automatic / Manual (On / Off)
Minimum illumination (B/W)	0 Lux with IR LEDs On
Minimum illumination (Color)	0.009 Lux @ F1.2 with AGC On
Day / Night Settings	Automatic / Day / Night / Timed
Day / Night Method	Infrared Cut Filter (ICR)
Interoperability	ONVIF, CGI
Storage	Supports Micro SD Card 128GB

Video

Max. Resolution	12 MPx (4000×3000)
Stream Count	2 Streams
Stream Per Frame Rate	Stream1: 4000×3000 @ 20 fps
	Stream2: D1 @ 25 / 30 fps
Bit Rate Encoding Control	Constant (CBR) / Variable (VBR)
Bit Rate	Stream1: 500kbps to 16000kbps
	Stream2: 100kbps to 8000kbps
Image Enhancement	HLC/BLC/Anti-shake/Defog
Noise Reduction	2D / 3D Digital Noise Reduction (DNR)
Wide Dynamic Range	Digital WDR

Camera Lens

Focal Length	1.83 mm
Lens Type	Fixed
Maximum Aperture	F2.4
Angle of View	180°×180°
Focus Control	Fixed
Iris	Fixed Iris

Interface

Ethernet	1 Ethernet RJ45 Connector (10/100 Base-T)
Audio	1 Input Channel / 1 Output Channel / 1ch Built-in Mic
Alarm	1 Input Channels / 1 Output Channels
Reset Button	Supported and Built-in

Audio

Audio Compression	G.711, RAW_PCM
Bit Rate	64kbps (G.711), 128kps (RAW_PCM)

Electrical

Power Supply	PoE+ / 12 VDC/ 24 VAC (Requires Adapter)
Power Consumption	5W@ IR LED OFF 10W@IR LED ON

Intelligence Video Analytics

Region of Interest	Supported
Privacy Masking	Supported
Gain Control	Automatic/Manual
White Balance	Automatic
View Adjustments	Mirror Mode
	Aisle Mode
Basic Analytics	Motion Detection
	Perimeter Intrusion Detection
	Single Virtual Fence
	Bad Signal
Advanced Analytics	Loitering Trace
	Double Virtual Fence
	Multi Loitering Trace
	Object Left Alone Detection
	Object Removed Detection
	Illegal Parking Detection
	Abnormal Speed Detection
	Converse detection

Mechanical

Material	Metal Casing
Dimensions	Φ5.12 ×1.51 Inch (Φ130×38.3mm)
Net Weight	1.10 Lbs (500 g)

Environmental

Operating Temperature	-40°F to 140 °F (-40°C to 60°C)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66 Enclosure with a Heater

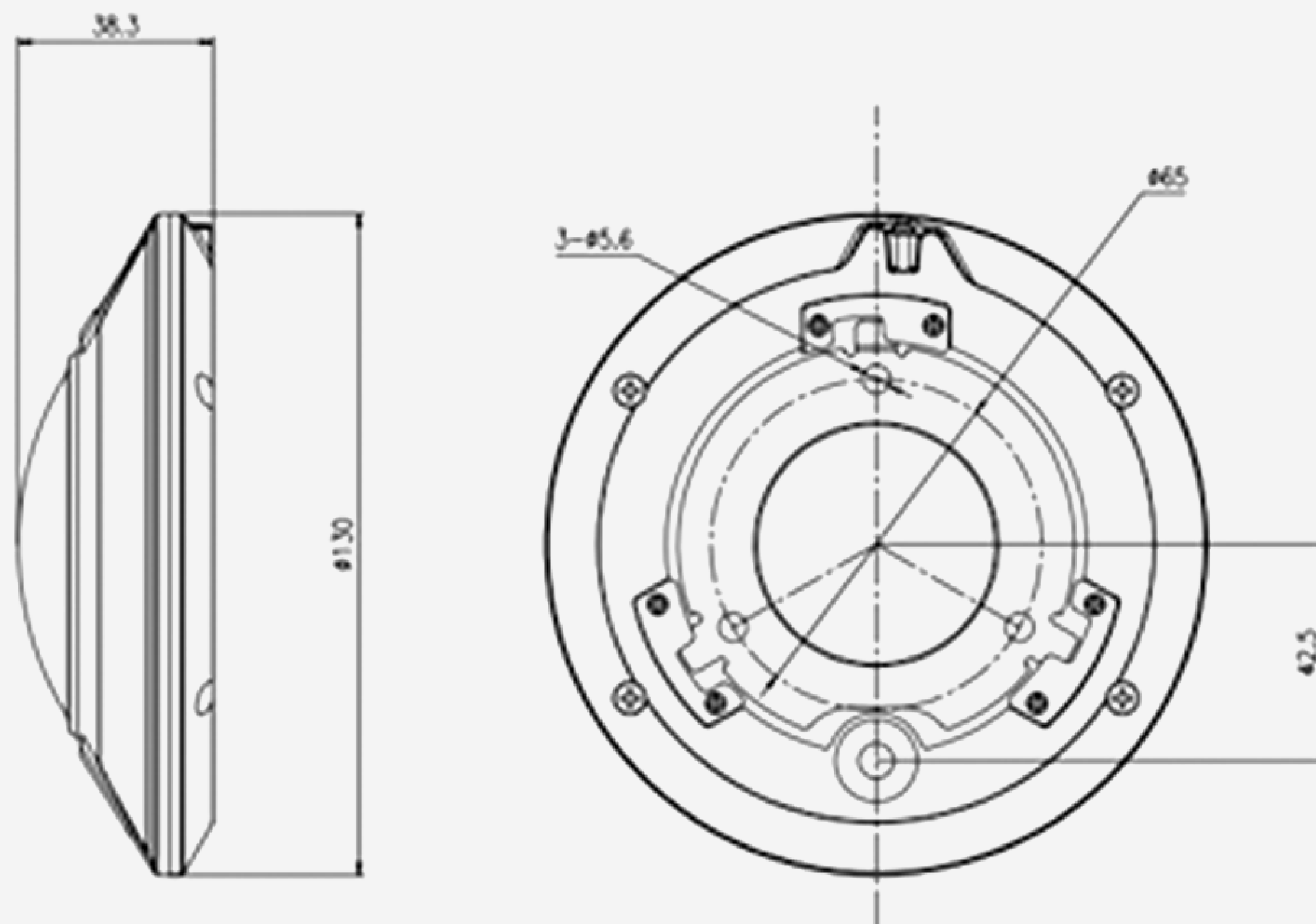
Network

Protocols	IPv4 / IPv6, 802.1x, HTTP, HTTPS, TCP/ IP, UDP / IP, RTSP, DHCP, NTP, RTCP / RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP
Streaming Method	Unicast
Maximum Accessible Users	10 Users
Web Viewer	Internet Explorer, Chrome, Firefox
Management Software	VTS (Video Center) VSMP (Viotec Security Management Platform)

Regulatory

Certifications	CE / FCC
----------------	----------

Dimensions (mm)



Accessories

01



VT-CACC-FC-PB
(Pole Mounting Bracket)

02



VT-CACC-FC-JB
(Junction Fixation Box)

Ordering Information

Model	Description
VT-ECAM-F12-F	12 MPX FISHEYE NETWORK CAMERA
VT-CACC-FC-JB	JUNCTION FIXATION BOX
VT-CACC-FC-PB	CEILING MOUNT BRACKET



Adkinns
US Office

200 Continental Dr
Newark, DE 19713
United States
+1302 318 1311
info@viotec.us
www.viotec.us

Viotec warrants all its products against any and all manufacturing defects from the date of product delivery from the factory and/or distribution center. Viotec's enterprise series has a warranty of 5 years

VT-ECAM-F12-F – Datasheet V.001

VIOTEC

©2021, Viotec, Inc, all rights reserved . We reserve the right to change the design and specifications without notice. Viotec Inc is a specialised security manufacturer that is fully owned by Adkinns Inc.