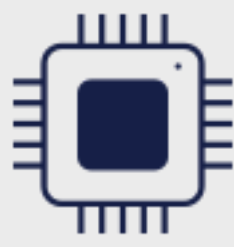




Key Features



1/1.7" progressive scan CMOS



4.1 - 12.8mm motorized lens



12 MPx (4000x3000) @ 20fps



5 Year Warranty



Triple Streams



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



IP67 outdoor rating



Smart IR technology, range up to 262.5 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 262.5 Feet (80 Meters)
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 (Card Not Included)

Video

Max. Resolution	12 MPx (4000×3000)
Stream Count	3 Streams
Stream Per Frame Rate	Stream1: 4000×3000 @ 20 fps
	Stream2: D1 @ 25 / 30 fps
	Stream3: VGA @ 25 / 30fps
Bit Rate Encoding Control	Constant (CBR) / Variable (VBR)
Bit Rate	Stream1: 200 kbps to 16000 Kbps
	Stream2: 10 kbps to 6 6000Kbps
	Stream3: 10 kbps to 3000 Kbps
Image Enhancement	HLC/BLC/Anti-shake/Defog/DWDR
Noise Reduction	2D / 3D Digital Noise Reduction (DNR)
Wide Dynamic Range	Digital WDR

Camera Lens

Focal Length	4.1 to 12.8 mm
Lens Type	Motorized
Maximum Aperture	F1.53
Angle of View	34.5° to 98°
Focus Control	Motorized
Iris	P-Iris

Interface

Ethernet	1 Ethernet RJ45 Connector (10/100 Base-T)
Audio	1 Input Channel / 1 Output Channel
Alarm	1 Input Channels / 1 Output Channels
RS485	Supported
CVBS Output	Supported
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 (Requires Adapter)
Power Consumption	5W/ IR LED OFF 10W/ IR LED ON

Intelligence Video Analytics

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

Mechanical

Material	Metal Casing
Dimensions	Φ4.3 × 14.8 Inch (Φ110 × 375.5 mm)
Net Weight	3.7 Lbs (1.68Kg)

Environmental

Operating Temperature	-40°F to 140 °F (-40°C to 60°C)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67 Outdoor Rated

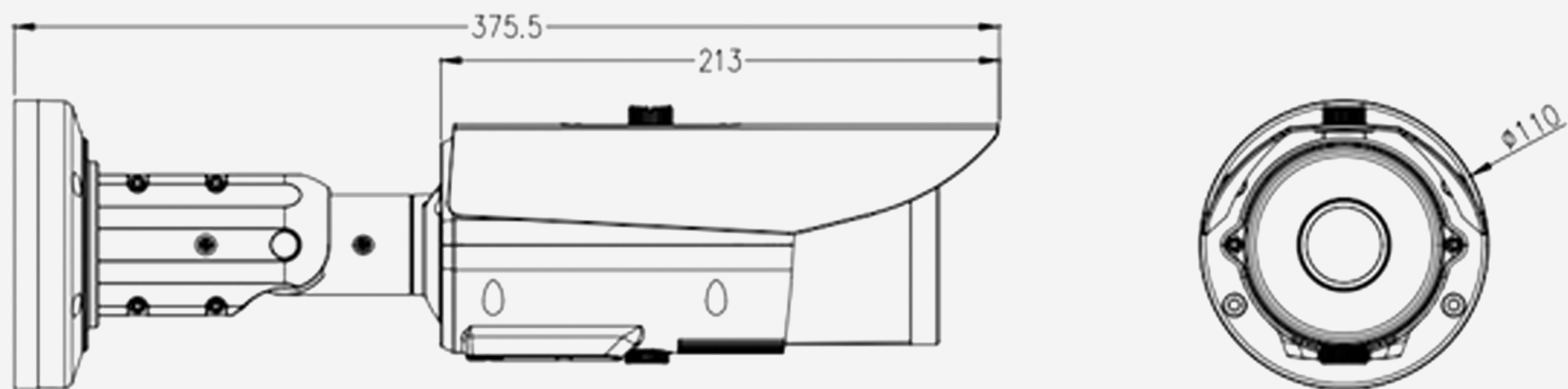
Network

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

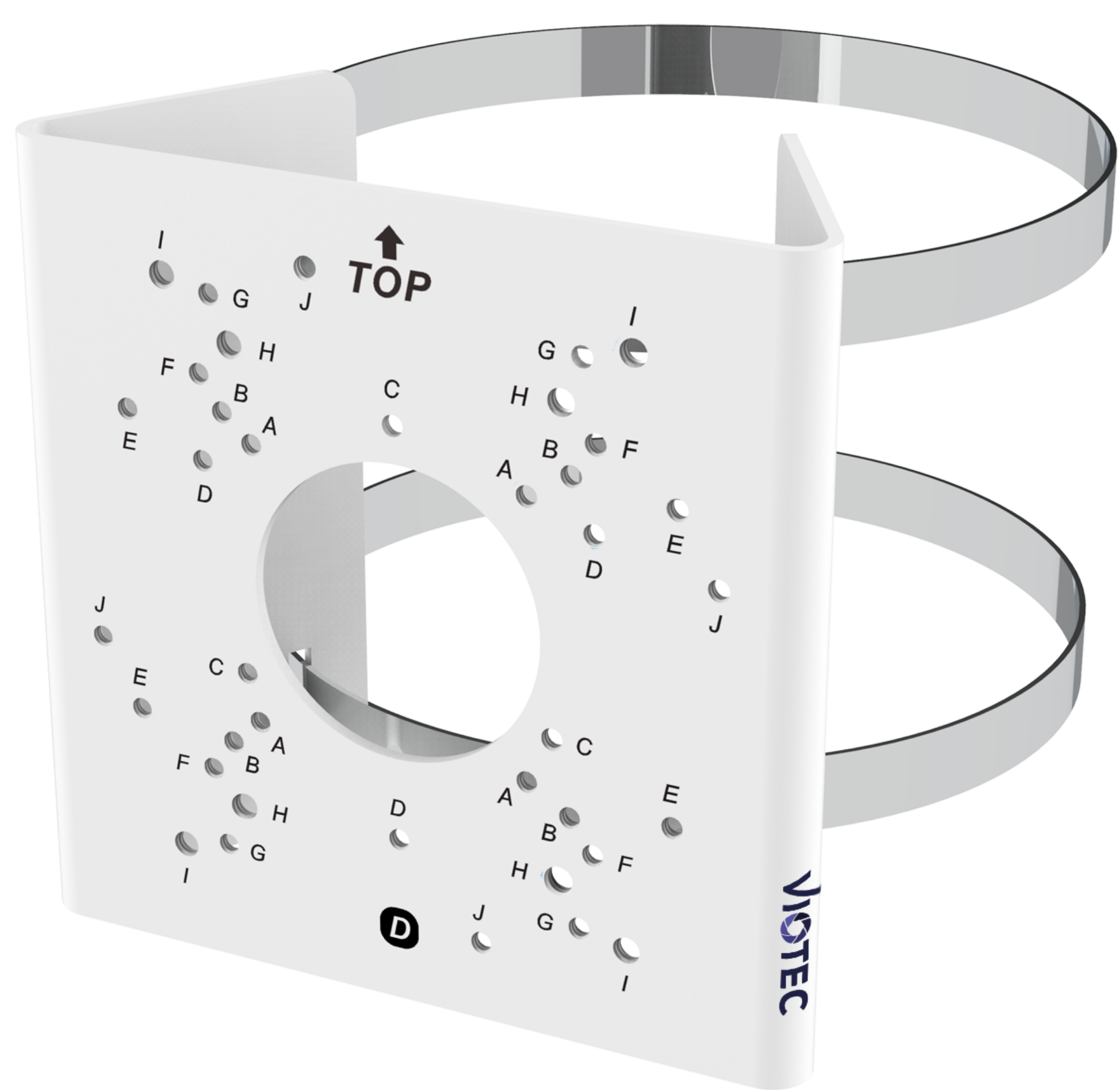
Certifications	CE / FCC
----------------	----------

Dimensions (mm)



Accessories

01



VT-CACC-BC-PMB
(Pole Mounting Bracket)

02



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

Ordering Information

Model	Description
VT-ECAM-B12-M	12 MPX BULLET NETWORK CAMERA
VT-CACC-BC-JB	JUNCTION FIXATION BOX
VT-CACC-BC-PMB	POLE MOUNTING 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-B12-M – Datasheet V.001