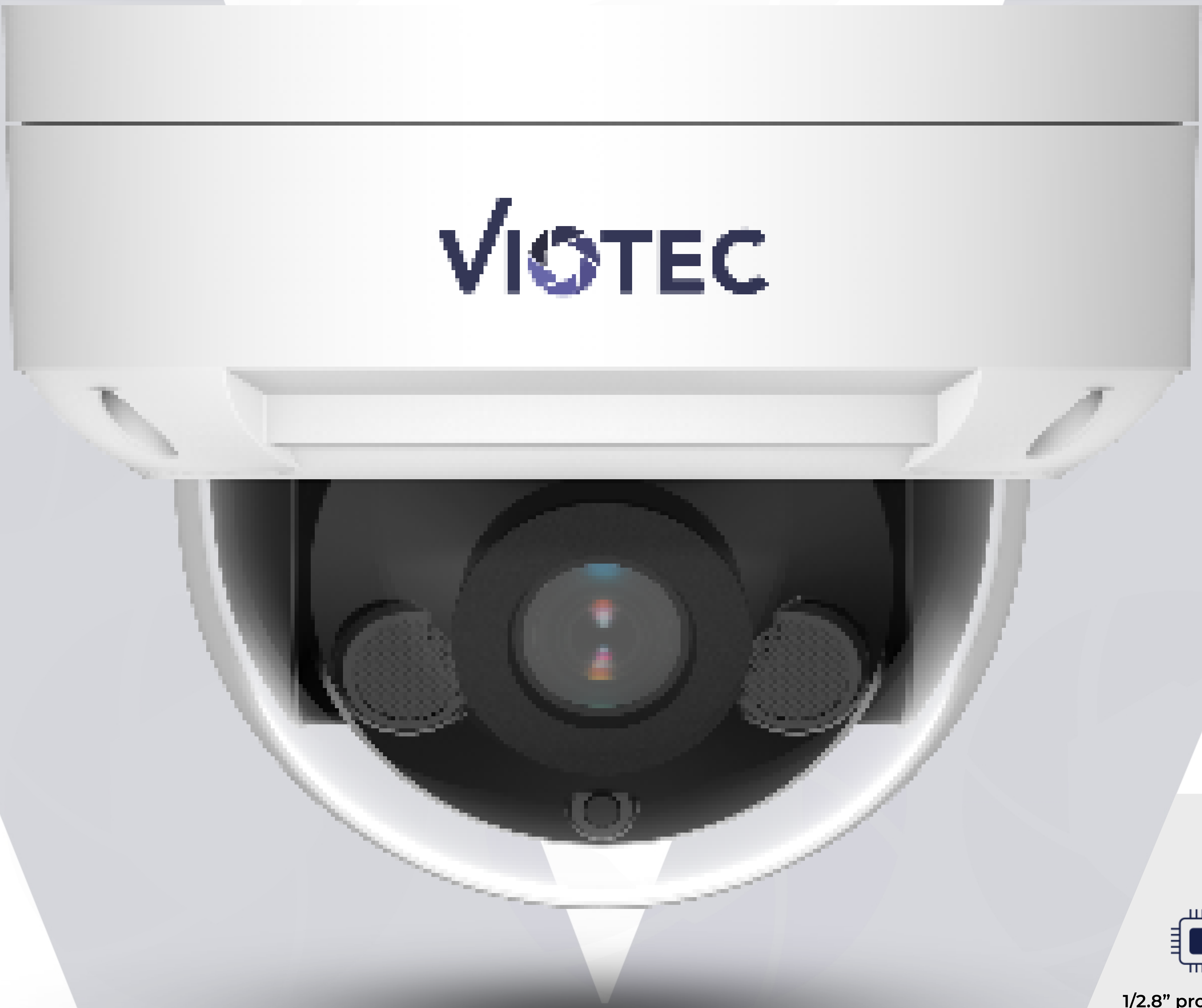
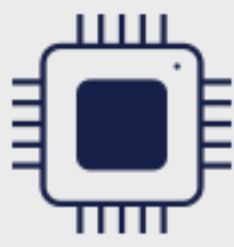




Key Features



1/2.8" progressive scan CMOS



2.8mm Fixed Lens



2 MPx (1920×1080) @ 25fps



IK10 impact rating



Triple streams



3D DNR, Real WDR, ICR, IVS, Defog



IP67 outdoor rating



5 Year Warranty



Smart IR technology, range up to 98.4 Ft.

Specifications

General

Image Sensor	1/2.8" Progressive Scan CMOS
Pixel Count	1920(H)×1080(V)
Shutter Speed	1/5 to 1/20,000 Seconds
Signal / Noise Ratio	55 dB
Gain Control	Automatic / Manual
IR Technology	Smart IR
IR Range	Up to 98.4 Feet (30 Meters)
IR Control	Automatic / Manual (On / Off)
Minimum illumination (B/W)	0 Lux with IR LEDs On
Minimum illumination (Color)	0.05 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	2 MPx (1920 x 1080)
Stream Count	3 Streams
Stream Per Frame Rate	Stream1: 1920 x 1080 @ 25 / 30 fps
	Stream2: D1 @ 25 / 30 fps
	Stream3: VGA @ 25 / 30fps
Bit Rate Encoding Control	Constant (CBR) / Variable (VBR)
Bit Rate	Stream1: 200 kbps to 12 Mbps
	Stream2: 100 kbps to 6 Mbps
	Stream3: 100 kbps to 3 Mbps
Image Enhancement	HLC/BLC/Anti-shake/Defog
Noise Reduction	2D / 3D Digital Noise Reduction (DNR)
Wide Dynamic Range	120 dB
	True WDR

Camera Lens

Focal Length	2.8mm
Maximum Aperture	F2.0
Angle of View	100°
Focus Control	Fixed
Lens Type	Fixed
Iris	Fixed Iris

Audio

Audio Compression	G.711, RAW_PCM
Bit Rate	8kbps (G.711), 16kps (RAW_PCM)

Interface

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

Pan / Tilt / Zoom

Pan Range	0° to 350°
Tilt Range	0° to 75°
Rotation Range	-90° to 90°

Intelligence Video Analytics

Region of Interest	8 Zones (On / Off)
Privacy Masking	4 Areas (On / Off)
View Adjustments	Mirror Mode
	Aisle Mode
Basic Analytics	Motion Detection
	Perimeter Intrusion Detection
	Single Virtual Fence
	Bad Signal Detection
	Double Virtual Fence
	Single Loitering Trace
	Multi Loitering Trace
	Object Left Alone Detection
	Object Removed Detection
	Abnormal Speed Detection
	Illegal Parking Detection
	Converse Detection
Advanced Analytics	

Electrical

Power Supply	PoE+ / 12 VDC/ 24 VAC (Requires Adapter)
Power Consumption	3.5 W @ IR OFF / 8 W @ IR ON

Mechanical

Material	Metal Casing
Dimensions	Φ4.33 x 3.36 (Φ 110 × 85.4 mm)
Net Weight	1.04 Lbs (0.47 Kg)
Impact Protection	IK10 Impact Rated

Environmental

Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67 Outdoor Rated

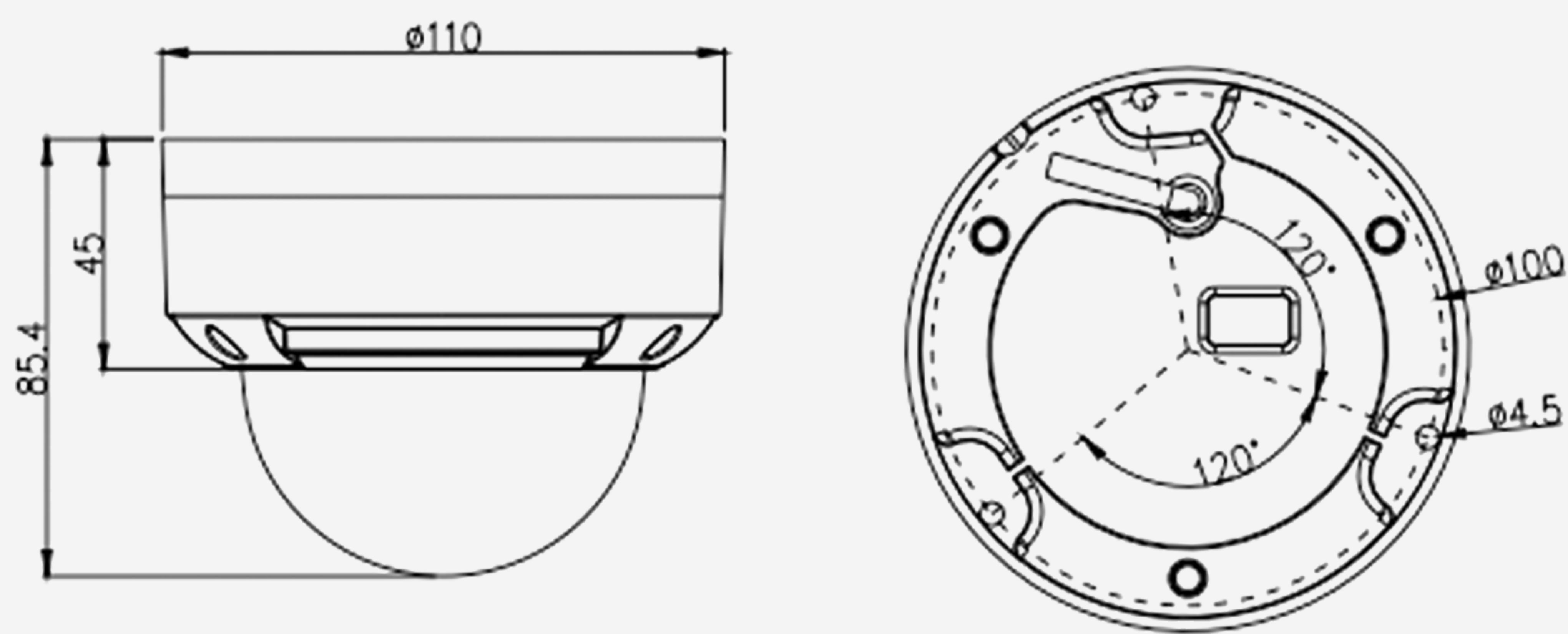
Network

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
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Dimensions (mm)



Accessories

01



VT-CACC-DC-WB
(Wall Mounting Bracket)

02



VT-CACC-DC-JB2
(Junction Fixation Box)

03



VT-CACC-DC-PB
(Pendant Mounting Bracket)

Ordering Information

Model	Description
VT-ECAM-D02-F	2 MPX DOME NETWORK CAMERA
VT-CACC-DC-JB2	JUNCTION FIXATION BOX
VT-CACC-DC-WB	WALL MOUNTING BRACKET
VT-CACC-DC-PB	PENDANT MOUNTING BRACKET



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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-D02-F – Datasheet V.001