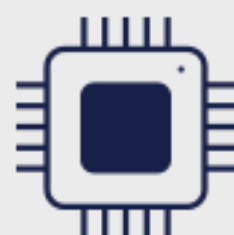
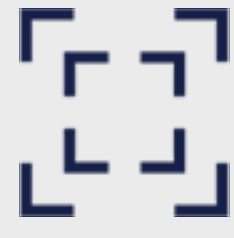




Key Features

- | | | |
|---|---|---|
| 
1/2.8" progressive scan CMOS | 
6-222mm Motorized Lens | 
2 MPx (1920×1080) @ 25fps |
| 
37x optical zoom, 16x digital zoom | 
Triple streams | 
3D DNR, Real WDR, ICR, IVS, Defog |
| 
Auto tracking | 
3 Year Warranty | 
Smart IR technology, range up to 492.1 Ft. |
| 
IP66 outdoor rating | | |

Specifications

General

Image Sensor	1/2" Progressive Scan CMOS
Pixel Count	1920 (H) × 1080 (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 656.2 Feet (200 Meters)
IR Control	Automatic / Manual (On / Off)
Minimum illumination (B/W)	0 Lux with IR LEDs On
Minimum illumination (Color)	0.001 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 (1920×1080)
Stream Count	3 Streams
Stream Per Frame Rate	Stream1: 1920×1080 @ 50 / 60 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: 10 kbps to 6 Mbps
	Stream3: 10 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

Audio

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

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)

Camera Lens

Focal Length	6 to 222 mm
Maximum Aperture	F1.5 to F4.8
Angle of View	2° to 60° (Horizontally)
Focus Control	Automatic / Manual
Optical Zoom	37x
Digital Zoom	16x

Pan / Tilt / Zoom

Pan Range	0° to 360° Endless
Tilt Range	-10° to 90°
Pan Manual Control Speed	0.1° to 180° / Second
Tilt Manual Control Speed	0.1° to 90° Second
Pan Preset Speed	180° / Second
Tilt Preset Speed	90° / Second
Speed Setup	Auto / Manual (0 - 8)
Presets	400
PTZ Modes	6 Tracking Modes 12 Programmable Tours 12 Scan Modes

Interface

Ethernet	1 Ethernet RJ45 Connector (10/100 Base-T)
Audio	1 Input Channel / 1 Output Channel
Alarm	7 Input Channels / 2 Output Channels
RS485	Supported
CVBS Output	Supported
Reset Button	Supported and Built-in

Intelligence Video Analytics

Region of Interest	8 Zones (On / Off)
Privacy Masking	4 Areas (On / Off)
Basic Analytics	Motion Detection Perimeter Intrusion Detection Single Virtual Fence Bad Signal
Advanced Analytics	Loitering Trace Object Left Alone Detection Object Removed Detection Auto Tracking

Electrical

Power Supply	PoE+ / 24 VAC (Requires Adapter)
Power Consumption	Less than 40 W

Mechanical

Material	Metal Casing
Dimensions	Φ8.9 × 14.28 Inch (Φ226 × 362.8 mm)
Net Weight	11.46 Lbs (5.2 Kg)

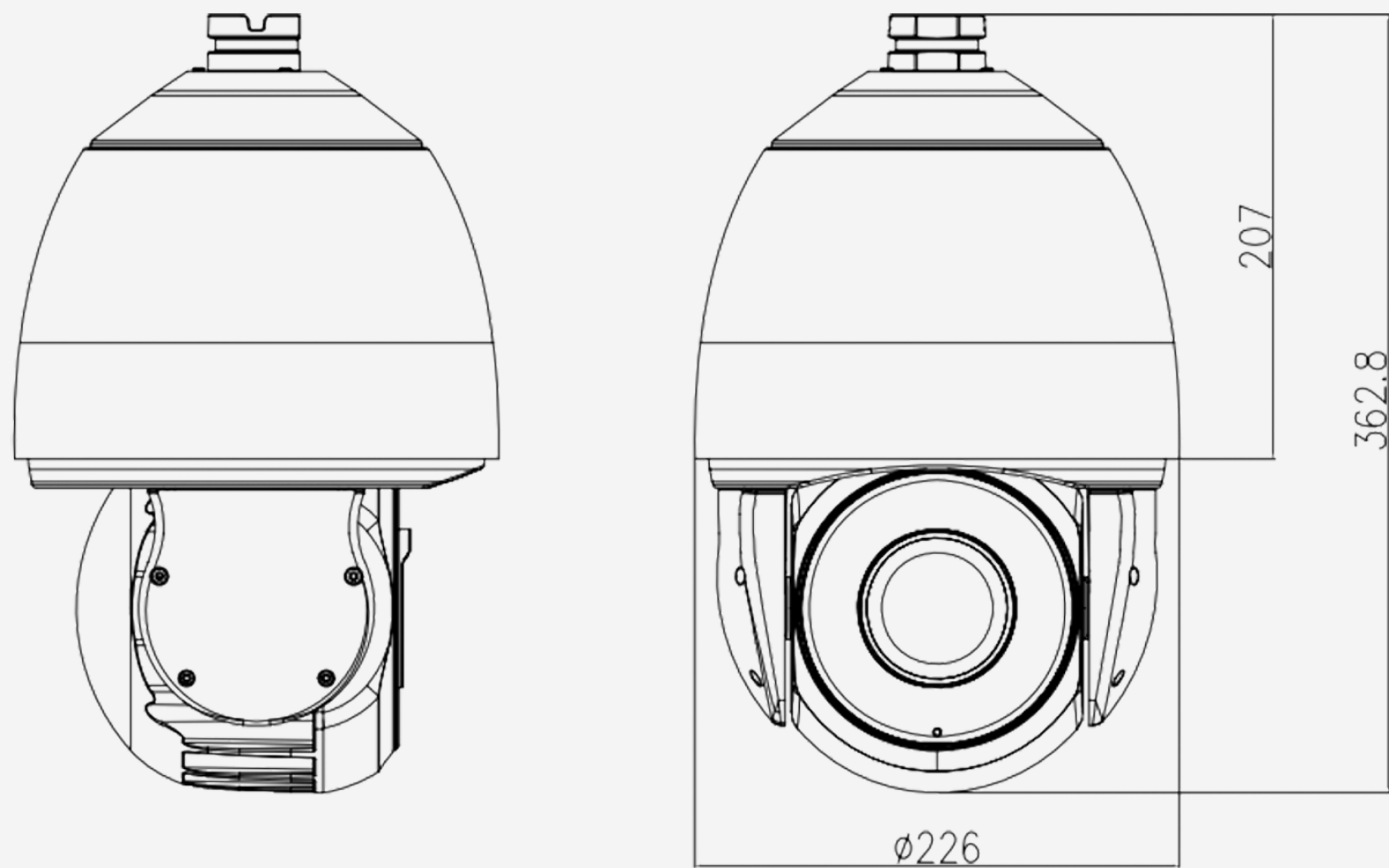
Environmental

Operating Temperature	-67°F to 140 °F (-55°C to 60°C)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66 Outdoor Rated

Regulatory

Certifications	CE / FCC
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Dimensions (mm)



Accessories

01



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

02



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

Ordering Information

Model	Description
VT-PCAM-D02-37X	2 MPx PTZ NETWORK CAMERA
VT-CACC-PC-WB	WALL MOUNTING BRACKET
VT-CACC-PC-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-PCAM-D02-37X – Datasheet V.001