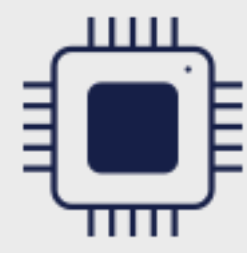
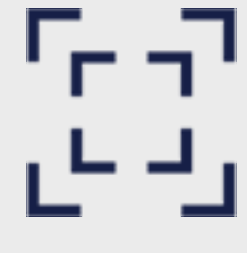




Key Features

- | | | |
|---|---|---|
| 
1/2" 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 | 
5 Year Warranty | 
Smart IR technology, range up to 656 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)

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

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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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

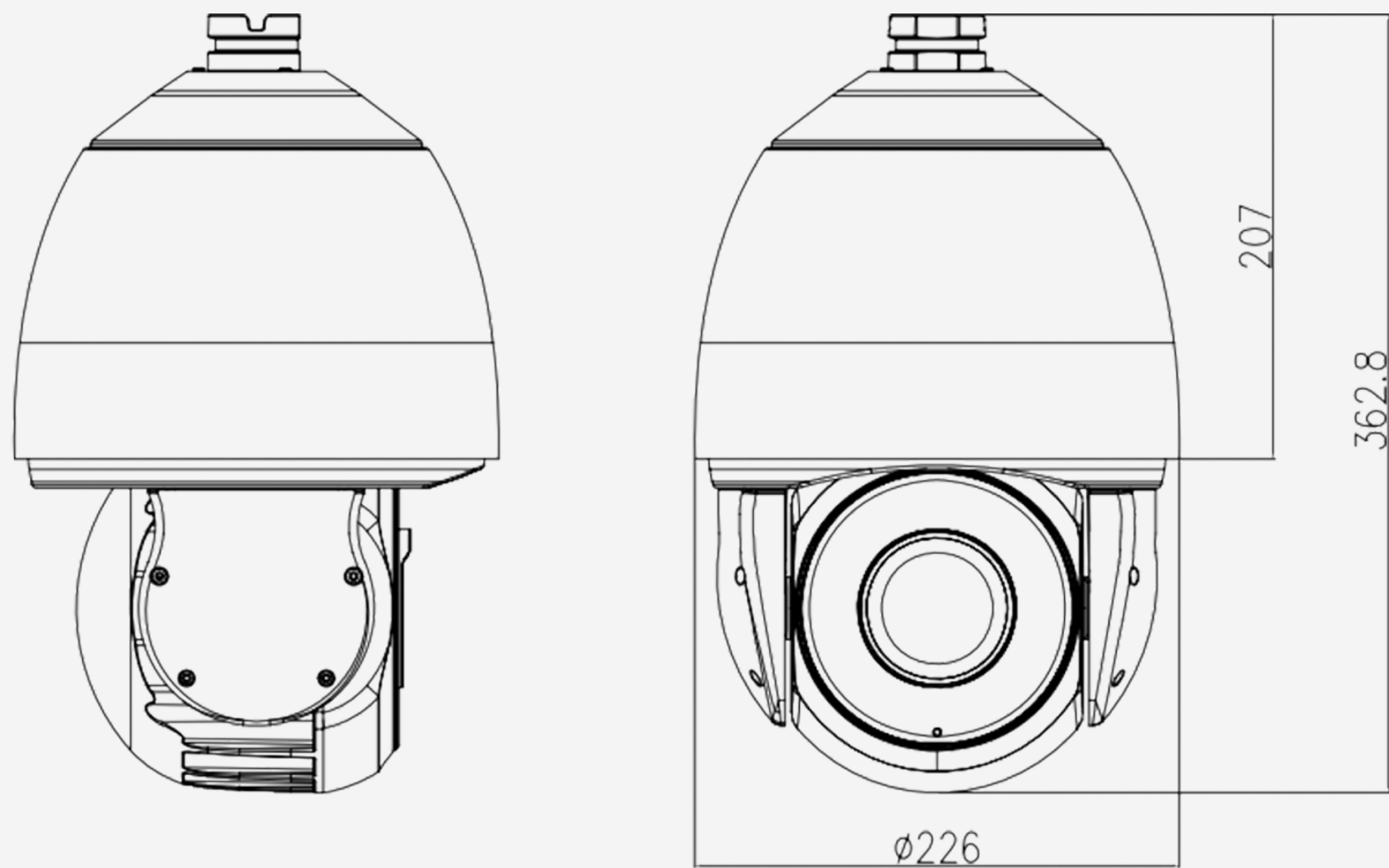
Pan / Tilt / Zoom

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

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 Detection
Advanced Analytics	Person Detection People Counting Target Tracking Double Virtual Fence Single Loitering Trace Multi Loitering Trace Object Left Alone Detection Object Removed Detection Vehicle Detection Abnormal Speed Detection Illegal Parking Detection

Dimensions (mm)



Accessories

01



VT-CACC-DC-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



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-PCAM-D02-37X – Datasheet V.001