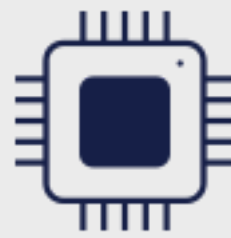




Key Features



1/1.7 " progressive scan CMOS



Auto back focus (ABF)



12 MPx (4000x3000) @ 20fps



5 Year Warranty



Triple Streams



3D DNR, DWDR, Defog, EIS

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
Minimum illumination (B/W)	0.0009 Lux @ F1.2 with AGC 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
Auto Back Focus	Supported
Storage	Supports Micro SD Card 128GB

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
Noise Reduction	2D / 3D Digital Noise Reduction (DNR)
Wide Dynamic Range	Digital WDR

Camera Lens

Focal Length	CS Mount
Iris	DC Auto Iris

Interface

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

Audio

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

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
Advanced Analytics	Loitering Trace
	Multi Loitering Trace
	Object Left Alone Detection
	Object Removed Detection
	Illegal Parking Detection
	Abnormal Speed Detection
	Double Virtual Fence
	Converse Detection

Electrical

Power Supply	PoE+ / 12 VDC (Requires Adapter)
Power Consumption	5W @max

Mechanical

Material	Metal Casing
Dimensions	Φ5.91 × 2.95 ×2.74 Inch (Φ150.2 x 75 x 69.7 mm)
Net Weight	0.88 Lbs (0.40kg)

Environmental

Operating Temperature	-4°F to 122 °F (-20°C to 50°C)
Operating Humidity	Less than 90% RH

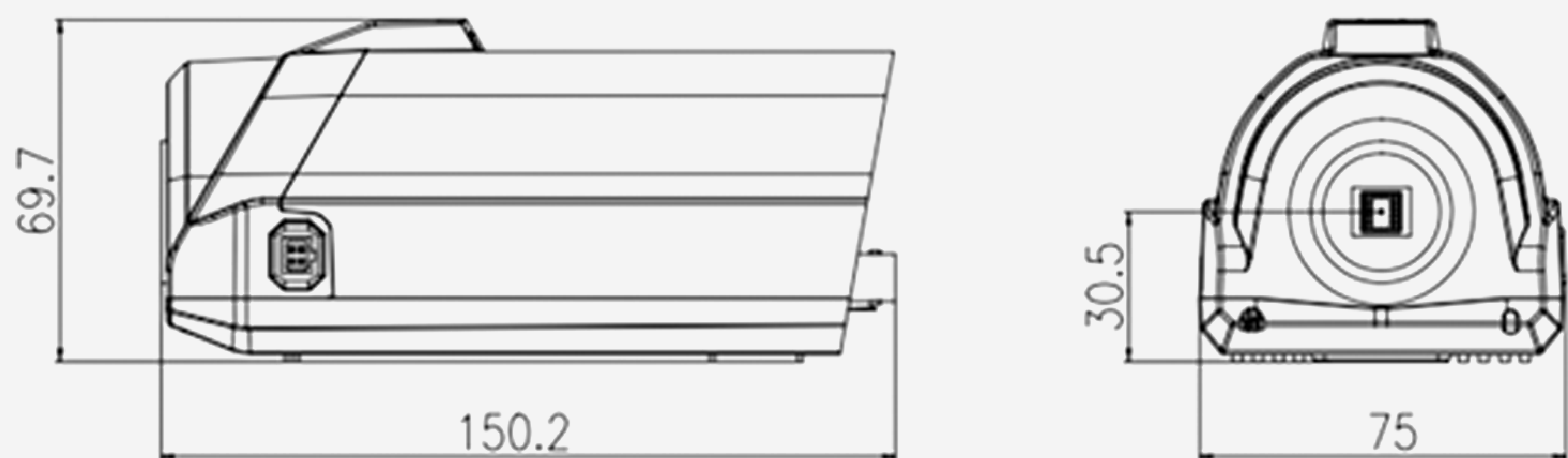
Network

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)



Ordering Information

Model	Description
VT-ECAM-BO12	12 MPX BOX NETWORK CAMERA



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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-BO12 – Datasheet V.001



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