

### VISIX 5MP Outdoor Bullet w/ Remote Focus (6-50mm), IR, Audio and Alarm I/O, IP66/IK9 rated, License Plate Capture (LPC)

The VX-5M20-B-RIAL has all the features you might need for nearly any application including: alarm I/O, motion detection, remote focus, license plate capture and compatibility with a wide variety of standardized network protocols. The bullet camera format allows for easy installation in a wide variety of locations. The camera's IP66-rated enclosure provides protection from the elements while its IK9 impact rating makes it vandal resistant.

To truly leverage the incredible value of this camera, owners must take full advantage of its license plate capture capability which can capture plates from 60 feet, at speeds up to 50 MPH. The VX-5M20-B-RIAL and its visible light filtering, specialized for plate capture accuracy, offers your clients, customers and employees another layer of protection in traditionally low-security environments such as parking lots and garages.

As a VISIX Gen III solution, the VX-5M20-B-RIAL is interfaced with VIGIL Server, which means owners can take advantage of other software within our powerful VIGIL Video Management Suite (VMS): Direct access through VIGIL Client and our mobile app View Lite II, as well as health monitoring and notifications using VIGIL Central Management (VCM). Alternatively, leverage the benefits of edge functionality by purchasing one of the available All-in-One licenses, allowing for on-board recording while still maintaining seamless integration across the VIGIL suite.



### Key Features and Benefits

VIGIL CLOUD™	
Resolution	5 MP
Frame Rate	30 fps
Compression	H.264, H.265, MJPEG
Lens	6-50mm Varifocal
Remote Focus	✓
Two-Way Audio	✓
On-Camera Storage	128GB
IR Range	80ft
Weather Resistance	IP66
Impact Resistance	IK9
Plate Detect Range	60 ft
Plate Detection Speed	50 MPH Max.

### Typical Use Cases



**DEALERSHIPS & RENTAL YARDS**



**INDUSTRIAL**



**AUTOMOTIVE / LPC (ANPR)**



**MULTI-TENANT**

### What's in the Box

Template Sheet  
Torx Wrench  
Waterproof Cap & Gasket  
Screws & Anchors  
Test Video Cable

### Camera

Image Sensor:	1/2.8" 5.14M CMOS (Sony Starvis)
Lens	6~50mm, F1.6
Motorized?	Yes
Angle of View	D:8.6°~52°, H:6.9°~40.8°, V:5.2°~30.2°
Min Illum	0Lux with IR (F1.6)
IR Mode	Continuous
IR Range	80ft (24.384m)
Shutter Time	1/15 ~ 1/32000

### Compression Standard

Video Compression	H.264, H.265, MJPEG
Bit Rate	100Kbps ~ 10Mbps
Video Streams	2592x1944p30 + 480p30

### Image

Max Resolution	2592(H) X 1944(V)
Frame Rate	30fps

### Functions

Alarm Triggers	Motion Alarm, Network disconnection, Temperature critical
Audio Compression	G.711
Security Protocols	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Sys. Compatibility	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF CGI API, ONVIF (Profile S)

### Physical

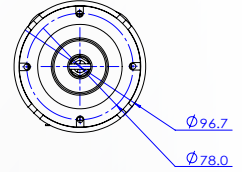
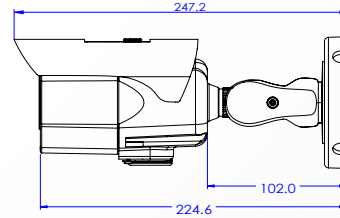
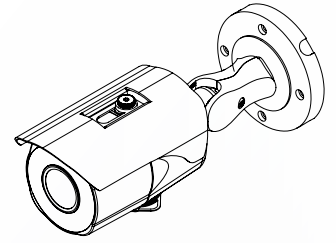
Op. Conditions	-40°C ~ 50°C( -40°C Cold start )
Humidity	10~90% RH (non-condensing)
Weatherproof Rating	IP67
Impact Protection	IK9
Housing Material	Aluminum
Window Material	PC 1811, 835
Dimensions (D x H)	247.2 mm x 96.7 mm
Weight	0.9kg
Local Storage	128 GB Max. Micro SD / SDHC / SDXC

### Electrical

Power Supply	DC DC12V / POE IEEE 802.3af
Power Consumption	DC12V Max 9W PoE Max 10.5W

### Certifications / Compliance

FCC Part 15, Subpart B, Class A  
 CAN ICES-3 (A)/NMB-3(A)  
 UL and ULC Safety  
 CE  
 NDAA Compliant



### Part Number

VX-5M20-B-RIAL	Base Camera
VX-5M20-B-RIAL -C128	VIGIL CLOUD Capable w/ 128GB SD Card
-C256	VIGIL CLOUD Capable w/ 256GB SD Card
-S128	All-in-One Capable w/ 128GB SD Card
-S256	All-in-One Capable w/ 256GB SD Card
-S512	All-in-One Capable w/ 512GB SD Card
-S1TB	All-in-One Capable w/ 1TB SD Card

### License Plate Detection

Software	Compatible with VIGIL VMS
Detection Range	60ft
Detection Speed	50 MPH (80km/h) Maximum

### Interface

Communication	RJ45(10/100BASE-T)
Alarm Input	1
Alarm Output	1
Video Output	1 CVBS 1.0V p-p(75ohm)
Audio Input	1[1.0Vrms, 3K ohm]
Audio Output	1

### Warranty

Four (4) years

### Recommended Mounts

VX-JB-BJC07	Junction Box
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