

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).



Key Features and Benefits

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	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Protocols	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Sys. Compatibility	CGI API, ONVIF (Profile S)

Physical

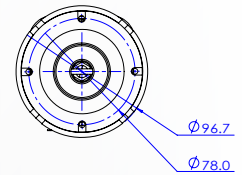
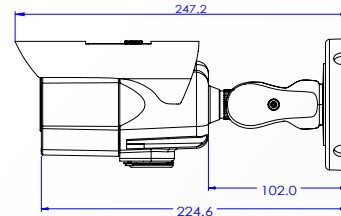
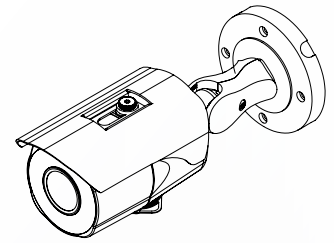
Op. Conditions	-40°C ~ 50°C(-40°C Cold start)
Humidity	10~90% RH (non-condensing)
Weatherproof Rating	IP67
Impact Protection	IK9
Housing Material	Aluminum
Window Material	PC 1811, 835
Dimensions (D x H)	247.2 mm x 96.7 mm
Weight	0.9kg
Local Storage	128 GB Max. Micro SD / SDHC / SDXC

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

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[1.0Vms, 3K ohm]
Audio Output	1

Warranty

Four (4) years

Recommended Mounts

VX-POLE-BP07	Pole Mount
VX-JB-BJC07	Junction Box