

Wavestore Vision IP Cameras – Bullet Range

Wavestore Vision 4K IR Bullet IP Camera –
WV2-8B-27V13

ONVIF® | G M S T



Wavestore Vision Bullet Cameras – Outstanding Clarity in Any Condition.

Advanced imaging for exceptional detail
and reliable coverage, day or night.

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www.wavestore.com/products/vision-cameras

Wavestore Vision 5MP IR Bullet IP Camera

WV2-5B-27V13

- Indoor/Outdoor Application
- 30fps at 5MP
- H.265, H.264 and MJPEG compression
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Smart IR distance up to 40m
- SMART Bitrate Control and ROI
- Power over Ethernet (IEEE 802.3af)



TECHNICAL SPECIFICATION	
Camera	
Model	WV2-5B-27V13
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	2880(H) × 1620(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto Exposure
Minimum Illumination	Color: 0.01 Lux / B/W : 0 Lux (IR LED On)
Lens	Motorized, 2.7 to 13.5 mm (F1.6)
Angle of View	Horizontal: Approx. 102.3° to 33.1° Vertical: Approx. 54.3° to 18.5°
Shutter Time	Auto/Manual, 1/5 to 1/20,000s
Day & Night	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR
S/N Ratio	50 dB
IR Illuminator	
IR LED	High Power IR LED
IR Working Distance	30m
Video	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Stream/Frame Rate	Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Max Resolution	2880 × 1620
Video Bit Rate	200Kbps - 12Mbps Multi rate for Preview and Recording
Bitrate Control	Stream1: 200Kbps to 12Mbps Stream2: 100Kbps to 6Mbps Stream3: 100Kbps to 3Mbps
Digital Noise Reduction	2D/3D DNR
Privacy Mask	4 programmable zones
Special Features	SMART Bitrate Control, Region of Interest
Other Image Processing	HLC, BLC, Defog
Image Orientation	Flip / Mirror / Corridor Mode
Analogue Output	-

TECHNICAL SPECIFICATION	
Audio	
Audio Streaming	-
Audio Compression	-
Audio input / output	-
Event	
Event Trigger	Motion Alarm, Network alarm
Event Notification	FTP, TCP, HTTP, E-mail, SD card
Network	
Ethernet Standard	10/100Base-T(1Gbps)
IP	IPv4 / IPv6
Protocol	TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, UDP, ICMP, ARP, TLS
Security	IP filtering, 802.1x, Digest Authentication
Plug In	ONVIF Profile S/T/G/M, CGI API
General	
Material	Aluminum Die-casting, White
External I/O Terminals	-
Language on webpage	English (Default), Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	Max 6W
Operating Conditions	Humidity : Less than 90% RH Temperature : -30°C - 60°C (-22°F - 140°F)
Approvals	FCC, CE, IP67
NDA	Compliant
Weight	0.77 kg
Dimensions (D x W)	232 × 80 × 80 mm
Edge Storage	
Storage	1x microSD / microSDHC / microSDXC (card not included)
Warranty	
Standard	3 Years
Optional	5 Years

Wavestore Vision 5MP IR Bullet IP Camera

WV2-5B-28F

- Indoor/Outdoor Application
- 30fps at 5MP
- H.265, H.264 and MJPEG compression
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Smart IR distance up to 30m
- SMART Bitrate Control and ROI
- Power over Ethernet (IEEE 802.3af)



TECHNICAL SPECIFICATION	
Camera	
Model	WV2-5B-28F
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	2880(H) × 1620(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto Exposure
Minimum Illumination	Color: 0.01 Lux / B/W : 0 Lux (IR LED On)
Lens	2.8 mm(F2.0)
Angle of View	Horizontal: Approx. 105.5° Vertical: Approx. 56.3°
Shutter Time	Auto/Manual, 1/5 to 1/20,000s
Day & Night	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR
S/N Ratio	50 dB
IR Illuminator	
IR LED	High Power IR LED
IR Working Distance	30m
Video	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Stream/Frame Rate	Stream1: 2880×1620, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Max Resolution	2880 × 1620
Video Bit Rate	200Kbps - 12Mbps Multi-rate for Preview and Recording
Bitrate Control	Stream1: 200kbps to 12Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Digital Noise Reduction	2D/3D-DNR
Privacy Mask	4 programmable zones
Special Features	SMART Bitrate Control, Region of Interest
Other Image Processing	HLC, BLC, Defog
Image Orientation	Flip / Mirror / Corridor Mode
Analogue Output	-

TECHNICAL SPECIFICATION	
Audio	
Audio Streaming	G.711, RAW_PCM
Audio Compression	Built in Microphone
Audio input / output	-
Event	
Event Trigger	Motion Alarm, Abnormal sound detection, Network alarm
Event Notification	FTP, TCP, HTTP, E-mail, SD card
Network	
Ethernet Standard	10/100Base-T(1Gbps)
IP	IPv4 / IPv6
Protocol	TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, UDP, ICMP, ARP, TLS
Security	IP filtering, 802.1x, Digest Authentication
Plug In	ONVIF Profile S/T/G/M, CGI API
General	
Material	Aluminum Die-casting, White
External I/O Terminals	-
Language on webpage	English (Default), Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	Max 4.5W
Operating Conditions	Humidity : Less than 90% RH Temperature : -30°C - 60°C (-22°F - 140°F)
Approvals	FCC, CE, IP66
NDAA	Compliant
Weight	0.41 kg
Dimensions (D x W)	154.5 × 64 × 64 mm
Edge Storage	
Storage	1x microSD / microSDHC / microSDXC (card not included)
Warranty	
Standard	3 Years
Optional	5 Years

Wavestore Vision 8MP IR Bullet IP Camera

WV2-8B-27V13

- Indoor/Outdoor Application
- 25fps at 8MP
- H.265, H.264 and MJPEG compression
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Smart IR distance up to 40m
- SMART Bitrate Control and ROI
- Power over Ethernet (IEEE 802.3af)



TECHNICAL SPECIFICATION	
Camera	
Model	WV2-8B-27V13
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	3840(H) x 2160(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto Exposure
Minimum Illumination	Color: 0.01 Lux / B/W : 0 Lux (IR LED On)
Lens	Motorized, 2.7 to 13.5 mm (F1.6)
Angle of View	Horizontal: Approx. 102.8° to 32.6° Vertical: Approx. 54.5° to 18.3°
Shutter Time	Auto/Manual, 1/5 to 1/20,000s
Day & Night	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR (Max. 20fps when WDR is on)
S/N Ratio	50 dB
IR Illuminator	
IR LED	High Power IR LED
IR Working Distance	30m
Video	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Stream/Frame Rate	Stream1: 3840x2160, 2880x1620, 2592x1520, 2560x1440, 2304x1296, 1920x1080, 1280x720 @25fps Stream2: D1, VGA, CIF @ 25fps Stream3: VGA, CIF, QVGA @ 25fps
Max Resolution	3840x2160
Video Bit Rate	200Kbps - 16Mbps Multi-rate for Preview and Recording
Bitrate Control	Stream1: 200Kbps to 16Mbps Stream2: 100Kbps to 6Mbps Stream3: 100Kbps to 3Mbps
Digital Noise Reduction	2D/3D DNR
Privacy Mask	4 programmable zones
Special Features	SMART Bitrate Control, Region of Interest
Other Image Processing	HLC, BLC, Defog
Image Orientation	Flip / Mirror / Corridor Mode
Analogue Output	-

TECHNICAL SPECIFICATION	
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Audio Streaming	-
Audio Compression	-
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Event Notification	FTP, TCP, HTTP, E mail, SD card
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