



3xLOGIC

VISIX Gen III Camera Matrix

OCTOBER 2023



Simple. Scalable. Secure.

VISIX Gen III Camera Matrix

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Bullet	Indoor Dome
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Part Number	VX-5M-B-RIAW -S128, -S256, -S512, -S1TB	VX-5M20-B-RIAW -S128, -S256, -S512, -S1TB	VX-5M20-B-RIAL -S128, -S256, -S512, -S1TB	VX-5M4-MB-IW -S128, -S256, -S512, -S1TB	VX-2M-ID-RIAW
Max Image Resolution	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	2MP - 1920(H) x 1080(V)
Motorized? / Lens	Yes/2.7 ~ 13.5mm, F1.4	Yes/6 ~ 50mm, F1.6	Yes/6 ~ 50mm, F1.6	No/4.0mm F2.0	Yes/2.8-12mm F1.4
Horizontal Field of View	H: 31° ~ 85°	H: 45° ~ 7°	H: 45° ~ 7°	H: 81°	H: 35°~96°
Video Compression	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Frame Rate	30fps	30fps	30fps	30fps	30fps
IR Range	50m (164ft)	50m (164ft)	25m (80ft)	50m (164ft)	30m (98ft)
WDR	WDR - 120dB	WDR - 120dB	WDR - N/A	WDR - 120dB	WDR - 120dB
Audio Input/Output	1/1 (RCA)	1/1 (RCA)	1/1 (RCA)	N/A	1/1 Terminal Block
Alarm Input/Output	1/1	1/1	1/1	N/A	1/1
SD Card Max Capacity	1TB	1TB	1TB	1TB	1TB
Operating Conditions	-40°C ~ 50°C (-40°F ~ 122°F)	-40°C ~ 50°C (-40°F ~ 122°F)	-40°C ~ 50°C (-40°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)
Ratings	IP67 / IK9	IP67 / IK9	IP67 / IK9	IP67 / N/A	N/A
Edge Capability	All-In-One	All-In-One	All-In-One	All-In-One	N/A
Power Supply	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3
Power Consumption	12V DC Max 9W PoE Max 10.5W	12V DC Max 9W PoE Max 10.5W	12V DC Max 9W PoE Max 10.5W	12V DC Max 6.2W PoE Max 7.9W	12V DC Max 8W PoE Max 10W
Warranty	4 years	4 years	4 years	4 years	4 years

*Certifications For All Cameras: FCC Part 15, Subpart B, Class A, CAN ICES-3 (A)/NMB-3(A) UL and ULC Safety CE

*All Cameras and Sensors are NDAA Compliant *ONVIF Profile S Compliant

VISIX Gen III Camera Matrix

Outdoor/Indoor Domes

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Part Number	VX-5M-OD-RIAW -S128, -S256, -S512, -S1TB	VX-8M-OD-RIAW	VX-2M-OD-RIAW	VX-5M28-MD-IAW -S128, -S256, -S512, -S1TB	VX-5M4-MD-IAW -S128, -S256, -S512, -S1TB
Max Image Resolution	5MP - 2592(H) X 1944(V)	8MP - 3840(H)x2160(V)	2MP - 1920(H) x 1080(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)
Motorized? / Lens	Yes/2.7 ~ 13.5mm, F1.4	Yes/3.6mm-10mm, F1.5	Yes/2.8-12mm F1.4	No/2.8 mm, F1.8	No/4.0mm, F2.0
Horizontal Field of View	H: 31° ~ 90°	H: 46° ~ 98°	H: 35° ~ 96°	H: 103°	H: 83°
Video Compression	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Frame Rate	30fps	30fps	60fps	30fps	30fps
IR Range	30m (98ft)	30m (98ft)	30m (98ft)	30m (98ft)	30m (98ft)
WDR	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB
Audio Input/Output	1/1 (RCA)	1/1 Terminal Block	1/1 (RCA)	1 (Built in Mic)/1 (RCA)	1 (Built in Mic)/1 (RCA)
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1
SD Card Max Capacity	1TB	1TB	1TB	1TB	1TB
Operating Conditions	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)
Ratings	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Edge Capability	All-In-One	N/A	N/A	All-In-One	All-In-One
Power Supply	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class2	12V DC PoE IEEE 802.3af Class2
Power Consumption	12V DC Max7.4W PoE Max 8.7W	12V DC 9.3W PoE 11.6W	12V DC Max 7.5W PoE Max 9.5W	12V DC Max 6W PoE Max 7.2W	12V DC Max 6W PoE Max 7.2W
Warranty	4 years	4 years	4 years	4 years	4 years

*Certifications For All Cameras: FCC Part 15, Subpart B, Class A, CAN ICES-3 (A)/NMB-3(A) UL and ULC Safety CE

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VISIX Gen III Camera Matrix

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Outdoor/Indoor Domes

360/180 Panoramic/SURROUND

PTZ



Part Number	VX-2M-OD-RIAWH	VX-6M-360-IAW -S128, -S256, -S512, -S1TB	VX-8M-180-IAW	VX-20M-SURROUND-OD-RAW	VX-2S-OP-30X-IAW
Max Image Resolution	2MP - 1920(H) x 1080(V)	5MP - 2592(H) X 1944(V)	8MP - 3840(H) X 2160(V)	5MP - 2592(H) X 1944(V) x 4CH	2MP - 1920(H) x 1080(V)
Motorized? / Lens	Yes/2.7-12mm F1.4	No/1.55mm, F2.5	No/2.3mm, F2.8	Yes/2.8 ~ 8.0mm, F1.6x4	Yes/4.3 ~ 129 mm F1.6 ~ F4.7, 30X Zoom
Horizontal Field of View	H: 35°~96°	H: 185°	H: 180	H: 51° ~ 93°	H: 2°~59°
Video Compression	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Frame Rate	30fps	30fps	30fps	30fps	30fps
IR Range	30m (98ft)	30m (98ft)	25m (82ft)	N/A	60m (197ft)
WDR	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB
Audio Input/Output	1/1 (RCA)	1 (Built in Mic)/1 (RCA)	1/1 (RCA)	1/1 Terminal Block CH1	1 (RCA)/1 Terminal Block
Alarm Input/Output	1/1	1/1	1/1	1/1 Terminal Block CH1	1/1
SD Card Max Capacity	1TB	1TB	1TB	1TB x 4	1TB
Operating Conditions	-40°C ~ 50°C (-40°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-20°C ~ 50°C () (-°F ~ 122°F)	-20°C ~ 50°C (-°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)
Ratings	IP68 / IK10	IP66 / IK9	IP67 / N/A	IP67 / IK10	IP66 / IK10
Edge Capability	N/A	All-In-One	N/A	N/A	N/A
Power Supply	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3bt Class5	AC24V, DC24V, POE IEEE 802.3at class4
Power Consumption	12V DC Max 7.5W PoE Max 9.5W	12V DC Max 7.5W PoE Max 8.7W	12V DC 9.3W PoE 11.6W	12V DC 28W PoE 31W	AC24V : Max 35W, DC24V : Max 40W, PoE: Max 42W
Warranty	4 years	4 years	4 years	4 years	2 years

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VISIX Gen III Camera Matrix

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MultiSensor



SMBK



HD Analog



Part Number	VX-2M-CPIR-IAW	VX-SMBK-B-IW	VX-SMBK-D-IW	VA-2MB-OD-RIWH-02	VA-2MD-OD-RIWH-02
Max Image Resolution	2MP - 1920(H) x 1080(V)	4MP 2560(H) x 1440(V)	4MP - 2560(H) x 1440(V)	1920(H) X 1080(V)	1920(H) X 1080(V)
Motorized? / Lens	No/2.8mm, F2.0	No/4.0mm, F2.0	No/4.0mm, F2.0	Yes/2.8 ~ 12mm, F1.4	Yes/2.8 ~ 12mm, F1.4
Horizontal Field of View	—————	H: 81°	H: 82.3°	H: 86°	H: 86°
Video Compression	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Frame Rate	30fps	20fps	20fps	30fps	30fps
IR Range	10m (32ft)	50m (164ft)	30m (98ft)	50m (164ft)	50m (164ft)
WDR	—————	WDR - 120dB	WDR -120dB	WDR - 120dB	WDR - 120dB
Audio Input/Output	1 (Built in Mic)/1 (Speaker)	N/A	1 (Built in Mic)	N/A	N/A
Alarm Input/Output	2/2	N/A	N/A	N/A/1	N/A /1
SD Card Max Capacity	1TB	N/A	N/A	N/A	N/A
Operating Conditions	-30°C ~ 50°C (-22°F ~ 122°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-20°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)
Ratings	N/A	IP67 / N/A	IP66 / N/A	IP66 / IK9	IP66 / IK10
Edge Capability	All-In-One	—————	—————	—————	—————
Power Supply	12V DC ±10% PoE (802.3af)	PoE IEEE 802.3af Class3	PoE IEEE 802.3af Class3	12V DC AC24V Dual Voltage	12V DC AC24V Dual Voltage
Power Consumption	TBD	12V DC Max 7.2W PoE Max 7.7W	12V DC Max 5.2W PoE Max 7.6W	12V DC 6.0W 24V AC: 5.5W	12V DC 5.22W 24V AC 4.35W
Warranty	4 years	4 years	4 years	4 years	4 years

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Thermals

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Part Number	VX-VT-35	VX-VT-56
Max Image Resolution	206(H) x 156(V)	320(H) x 240(V)
Motorized? / Lens	No/4.0mm	No/4.0mm
Horizontal Field of View	35°	56°
Video Compression	H.264, MJPEG	H.264, MJPEG
Frame Rate	9fps	9fps
IR Range	36 - D: 76m, R: 46m, I: 15m	D: 76m, R: 46m, I: 15m
WDR	N/A	N/A
Audio Input/Output	1/1	1/1
Alarm Input/Output	1/2	1/2
SD Card Max Capacity	128GB	128GB
Operating Conditions	-40°C ~ 59°C (-40°F ~ 138°F)	-40°C ~ 59°C (-40°F ~ 138°F)
Ratings	IP66	IP66
Edge Capability	Advanced Analytics and All-In-One	Advanced Analytics and All-In-One
Power Supply	12V DC POE IEEE 802.3af	12V DC POE IEEE 802.3af
Power Consumption	12V DC Max 8.6W	12V DC Max 8.6W
Warranty	3 years	3 years

*Certifications For All Cameras: FCC Part 15, Subpart B, Class A, CAN ICES-3 (A)/NMB-3(A) UL and ULC Safety CE

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Edge Based Analytics Cameras

Introducing 3xLOGIC's deep learning 8MP and 5MP analytics cameras for edge and server-based Business Intelligence and Person, Object, and Vehicle detection.

Business owners can gain valuable insight into their business and customer behavior with customer dwell time, line data, and people counting analytics, enabling retailers to make informed business decisions. Combine this with the VIGIL Server Advanced Reporting engine w/POS, and you have all the tools you need for a server-based BI solution.



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Presence	Tamper Detection	Enter	Exit
When an object type is first detected within a selected zone	Detects interference events for selected camera(s)	When an object crosses from outside of a zone to inside of a zone	When an object crosses from inside of a zone to the outside
Appear	Disappear	Stopped Filter	Dwell Time
When an object starts being tracked inside a zone	When an object stops being tracked inside a zone	When an object stops in a zone for longer than a set period	When a moving object remains present in a zone past a duration
Object Tracker	Object Direction	Abandoned Object	Tailgating
On-screen tracker indicators display around objects	When object crosses line in a direction and meets criteria	When an object is left stationary in a zone for a specified time	When two objects cross a line or zone in a defined time
Counting	Counting Lines	Logical Rules	
Increases the count based on defined parameters	Increases the count when a line is crossed towards a set direction	Combines rules to create a complex filter to reduce false events	

VISIX Edged Based Deep Learning Camera Matrix

Bullet	Outdoor/Indoor Domes			
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Part Number	VX-5M-B-RIAW-X	VX-5M20-B-RIAW-X	VX-5M-OD-RIAW-X	VX-5M28-MD-IAW-X	VX-5M4-MD-IAW-X
Max Image Resolution	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)	5MP - 2592(H) X 1944(V)
Motorized? / Lens	Yes/2.7 ~ 13.5mm, F1.4	Yes/6 ~ 50mm, F1.6	Yes/2.7 ~ 13.5mm, F1.4	No/2.8 mm, F1.8	No/4.0mm, F2.0
Horizontal Field of View	H: 31° ~ 96°	H: 40.8° ~ 6.9°	H: 31.6° ~ 98.3°	H: 102.4°	H: 82.3°
Video Compression	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG
Frame Rate	30fps	30fps	30fps	30fps	30fps
IR Range	50m (164ft)	50m (164ft)	30m (98ft)	30m (98ft)	30m (98ft)
WDR	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB	WDR - 120dB
Audio Input/Output	1/1	1/1	1/1	1/1	1/1
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1
SD Card Max Capacity	1TB	1TB	1TB	1TB	1TB
Operating Conditions	-20°C ~ 50°C (-58°F ~ 122°F)	-20°C ~ 50°C (-58°F ~ 122°F)	-20°C ~ 50°C (-58°F ~ 122°F)	-20°C ~ 50°C (-58°F ~ 122°F)	-20°C ~ 50°C (-58°F ~ 122°F)
Ratings	IP67 / IK9	IP67 / IK9	IP67 / IK10	IP67 / IK10	IP67 / IK10
Edge Capability	Edge Based Deep Learning	Edge Based Deep Learning	Edge Based Deep Learning	Edge Based Deep Learning	Edge Based Deep Learning
Power Supply	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3at Class4	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3	12V DC PoE IEEE 802.3af Class3
Power Consumption	12V DC Max 10.4W PoE Max 12.5W	12V DC Max 13.2W PoE Max 14.4W	12V DC Max 10.4W PoE Max 12.5W	12V DC Max 7.1W PoE Max 9.6W	12V DC Max 7.1W PoE Max 9.6W
Warranty	4 years	4 years	4 years	4 years	4 years

*Certifications For All Cameras: FCC Part 15, Subpart B, Class A, CAN ICES-3 (A)/NMB-3(A) UL and ULC Safety CE

*All Cameras and Sensors are NDAA Compliant *ONVIF Profile S Compliant

VISIX Edged Based Deep Learning Camera Matrix

Outdoor/Indoor Domes



Part Number	VX-8M-OD-RIAW-X
Max Image Resolution	8MP - 3840(H) X 2160(V)
Motorized? / Lens	Yes/3.6mm-10mm, F1.5
Horizontal Field of View	H: 46° ~ 98°
Video Compression	H.264, H.265, MJPEG
Frame Rate	30fps
IR Range	30m (98ft)
WDR	WDR - 120dB
Audio Input/Output	1/1 Terminal Block
Alarm Input/Output	1/1
SD Card Max Capacity	1TB
Operating Conditions	-30°C ~ 50°C (-22°F ~ 122°F)
Ratings	IP67 / IK10
Edge Capability	Advanced Analytics
Power Supply	12V DC PoE IEEE 802.3af Class3
Power Consumption	12V DC 9.3W PoE 11.6W
Warranty	4 years

*Certifications For All Cameras: FCC Part 15, Subpart B, Class A, CAN ICES-3 (A)/NMB-3(A) UL and ULC Safety CE

*All Cameras and Sensors are NDAA Compliant *ONVIF Profile S Compliant

3xLOGIC

3xLOGIC Inc. has been a leading innovator in security technology for 20+ years. The company is recognized for providing easy-to-use surveillance and business intelligence solutions that seamlessly integrate video, access control, alarm audio and video verification, and disparate data sets such as ATM, Point-of-Sale, analytics, and more.

We are a global company with sales and support available in USA, UK, and EMEA regions. Our headquarters is based in Indiana, USA.

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NEED SUPPORT?

For support related issues please email helpdesk@3xlogic.com or call one of our direct lines.

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