

VISIX VX-20M-SURROUND-OD-RIAW

20MP VARIFOCAI MULTI-IMAGER (4X5MP) SURROUND DOME WITH IR, WDR, AUDIO, ALARM AND, 4 X 2.8MM-8MM ZOOM



Key Features

- » 20MP (4x 5MP)
- » Optional Edge-based Deep Learning Analytics
- » Adjustable Magnetic Camera Track w/ Manual Pan & Tilt and Remote Zoom for Each Sensor
- » Includes 4 IP Licenses (1 per sensor)
- » 4 Year Warranty
- » PoE Power Requires PoE++ Injector (Sold Separately)
- » Edge Based Deep Learning Analytics:
 - » Object Classification (Person, Vehicle, Object)
 - » Accurate in Dense and Busy Scenes
- » Integrates with:
 - » VIGIL - Dwell Time / People Counting Advanced Reporting
 - » VIGIL Trends and VIGIL CLOUD (via VIGIL Server)

PRODUCT NUMBERS

Available Units	Description
VX-20M-SURROUND-OD-RIAW	Base Camera - 20MP Varifocal Multi-Imager (4x5MP) Surround Dome with IR, WDR, Audio, Alarm and, 4 x 2.8mm-8mm Zoom
VX-20M-SURROUND-OD-RIAW-X	Base Camera + Edge-based Deep Learning Analytics License (Available for All 4 Sensors)

*The -X deep learning analytics license can be added to a Base Camera at any time to unlock advanced analytics functionality. Speak to a 3xLOGIC Sales Associate for more info.

Available Mounts

						
VX-POLE-BP01 Pole Mount Bracket	VX-CM-BC01 Corner Mount Bracket	VX-WM-BW18 Wall Mount	VX-WM-BW19 Junction Wall Mount	VX-PM-BC19 Pendant Mount	VX-FM-BR10 In-Ceiling Flush Mount	VX-JB-BJC10 Junction Box Mount

Hardware

Image Sensor	4x 1/2.8" 5.69M CMOS	Sensor Max Resolution	2592(H) X 1944(V) (per sensor)
Lens	2.8~8mm	Frame Rate	30fps
Aperture	F1.6	Operating Temperature	-20°~ 50°C (-4° ~ 122°F)
Lens Type	Motorized Varifocal	Operating Humidity	10-90% RH (Non-Condensing)
S/N Ratio	50db	Pan / Tilt / Zoom	Pan/Tilt: Manual Zoom : X2.8 Optical
Angle of View	D : 64°~119° H : 51°~93° V : 39°~68°	Impact Protection	IK10
MIN. Illumination	COLOR: 0.1Lux BW: 0Lux with IR	IP Rating	IP67
IR Type / Distance	H16IR / 100ft (31m)	Material	Aluminum-Die Casting
Shutter Speed	Auto / Manual (1/15 ~ 1/32000) Anti-Flicker Slow Shutter (1/2,1/3,1/5,1/6,1/7.5, 1/10)	Dimensions (W x D x H)	280.5 x 126.2mm
Day & Night	TDN (True Day & Night)	Weight	3.5kg
Wide Dynamic Range (WDR)	120dB or above	Certifications	FCC Part 15, Subpart B, Class A. CAN ICES-3 (A)/NMB-3(A). UL and ULC Safety CE NDAA Compliant, KC, RoHS
Video Output	1 [CVBS 1.0V p-p (75Ω)]	Power Supply	DC12V (Adaptor is not included) PoE IEEE 802.3bt Class5 (PoE++ Injector Required)
Ethernet	RJ45(1000Base-T[1Gbps])	Power Consumption	DC Max 37.2W PoE Max 41.8W (PoE++ Injector Required)
Internal Mic	No	Alarm In / Out	1 Line/1 Line
Audio In / Out	1 Line[1.0Vms, 3K ohm] /1 Line	Audio Compression	G.711 ulaw
Storage	4x microSD/SDHC/SDXC: 1TB max (1x card per sensor, 4TB max. total)	-	-

Software

Video Compression	H.265, H.264, MJPEG	Event Trigger	Motion Alarm, Network Disconnection Temperature Critical, Illegal Login, Schedule, Sensor Detection
Video BitRate	100Kbps~25Mbps	Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Auto Gain Control (AGC)	Auto	Digital Noise Reduction	3D DNR
Video Streams	Quad Triple Streaming(3rd Stream Only MJPEG, 3 streams per sensor) H.265 / H.264 : 2592x1944 /2560x1440 /1920x1080 /1280x720 /800x600 /704x576 /704x480 /640x480 /640x360 /352x288 /352x240(per lens) MJPEG : 1920x1080 / 1280x720 / 800x600 / 768x432 /704x576 /704x480 /640x480 /640x360 /352x288 /352x240 (per lens)	Protocols	TCP/IP, UDP, Auto IP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Base Analytics	Presence Filters (Advanced Motion), Object Tracker	Sys. Compatibility	CGI API, ONVIF Profile S

Dimensional Drawing

