

### VIR-IR08MP50KZ

IP Surveillance  
Equipment

HD-SDI / 3G-SDI  
Equipment

AHD / TVI / CVI  
Equipment

HDMI / VGA  
Equipment

Speed Dome Camera

Matrix Switcher Solutions



### VIR-IR08MP50KZ

#### Description Features:

- \* Excellent night vision in low-light environments
- \* H.265(HEVC) or H.264(AVC) video compression
- \* Support 4K / 3840x2160P  
8 mega-pixel image resolution
- \* Three-stream encoding transmission
- \* IR Distance: 50 meters
- \* Support video wide dynamic HDR / WDR
- \* Standard 2.7~13.5mm zoom lens (auto focus)
- \* Infrared maximum distance of about 50 meters
- \* Support ICR day and night
- \* Support Alarm : Input/Output
- \* Audio support: input/output two-way  
voice function
- \* Support memory card internal storage:  
up to 128GB
- \* Support RTMP protocol with built-in broadcast  
streaming function
- \* Support AI intelligent analysis engine
- \* Smart Analysis Function: Human/Car/Motorcycle/  
Bicycle Detection
- \* IP66 all-environments protection
- \* Compliant with Onvif Profile S
- \* Support PoE, compliant with  
IEEE802.3af/at standard
- \* Support USB port output (Optional)
- \* Products comply with NDAA Section 889

#### Video Access Technology Corp.

6F.- 17, No.14, Lane 609, Sec. 5, Chongxin Rd., Sanchong Dist., New Taipei City, Taiwan (Tong Cheng Industrial Zone)  
Tel:+886-2-2999-8383 Fax:+886-2-2999-0303  
web : www.videoaccess.com

**VIR-IR08MP50KZ**

IP Surveillance Equipment  
 HD-SDI / 3G-SDI Equipment  
 AHD / TVI / CVI Equipment  
 HDMI / VGA Equipment  
 Speed Dome Camera  
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Specification	VIR-IR08MP50KZ	
<b>Camera</b>	Image Sensor	1/2.8" SONY CMOS Image Sensor
	Effective Pixels	3840(H) × 2160(V), 8 Megapixels
	Min. Illumination	Color: 0.1Lux/F1.2 ; Black : 0.01Lux/F1.2
	Electronic Shutter	1/10 ~ 1/10,000 sec
	S/N Ratio	≥50dB
	Day & Night	IR cut filter
	Zoom	5x optical zoom
<b>Lense</b>	Focal Length	2.7mm ~ 13.5mm Motor Zoom Auto Focus Lens
	Noise Reduction	2D-DNR, 3D-DNR
	Stronglight suppression Backlight compensation	Support
	Day/Night	Automatic, Manual, Scheduled
<b>Video</b>	WDR & HDR	Support
	Video Compression	H.265/HEVC or H.264/AVC
	Encoding Format	Main Stram: H.265, H.264 Sub Stream: H.265, H.264 Third Stram: H.265, H.264, M-JPEG
	Main Stream	3840x2160_20fps, 3072x2048_20fps, 2592x1944_30fps, 2560x1440_30fps, 2304x1296_30fps, 1920x1080_60fps, 1280x720_60fps
	Sub Stream	720x480, 640x480, 640x360, 480x360, 352x240_30fps
	Third Stream	1920x1080, 1280x720_10fps
	Video Coding	H.265, H.264 encoding
	Video Bit Rate	512 ~ 12288kbps
	H.264 Type	Baseline Profile, Main Profile, High Profile
	H.265 Type	Main Profile
<b>Audio</b>	Audio Compression	G.711, G.711 a-law, AAC
	Audio input/output	Support requires an external microphone
	Audio Type	Mono Sound
<b>Alarm</b>	Alarm Input/Output	I/O Input x1, Output x1
	Other Functions	Motion Detection Area, Occlusion Alert, Smart Analysis
<b>Network</b>	Network Storage	NAS (NFS), auto network replenishment
	Protocols	IPv4/IPv6, HTTP, DNS, RTSP, RTMP, TCP/IP, DHCP
	API	Open Network Video Interface (Profile S)
	Max User Access	6 users
<b>Image</b>	Day/Night Switch	Day, Night, Auto, Schedule
	Image Enhancement	BLC, HLC, 3D-DNR, 2D-DNR
	Defog	Digital defog
	Image Settings	Saturation, brightness, contrast, sharpness adjustable by web browser
<b>General</b>	Power Supply	DC12V
	Power Consumption	<8W
	Working temperature	-30 C ~ 60 C, Humidity 90% or less (non-condensing)
	Casing	Aluminum Case
	Dimensions / Weight	265(L) x 80(W) x 90(H)mm / 800g
<b>Approval</b>	Protection Level	IP66