

### VCD-320H8MP40KZ

IP Surveillance  
Equipment

HD-SDI / 3G-SDI  
Equipment

AHD / TVI / CVI  
Equipment

HDMI / VGA  
Equipment

Speed Dome Camera

Matrix Switcher Solutions



## VCD-320H8MP40KZ

### Description Features:

- Excellent night vision in low-light environments
- H.265(HEVC) or H.264(AVC) video compression
- Support 4K / 3840x2160P 8 megapixel image resolution
- Three-stream encoding transmission
- IR Distance: 20 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

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VCD-320H8MP40KZ

IP Surveillance Equipment  
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 AHD / TVI / CVI Equipment  
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Specification	VCD-320H8MP40KZ		
<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	
<b>General</b>	Image Settings	Saturation, brightness, contrast, sharpness adjustable by web browser	
	Power Supply	POE48V or 12 VDC ± 10%	
	Power Consumption	<8W	
	Working temperature	-30 C ~ 60 C, Humidity 90% or less (non-condensing)	
	Casing	Aluminum Case	
<b>Approval</b>	Protection Level	IP66	