

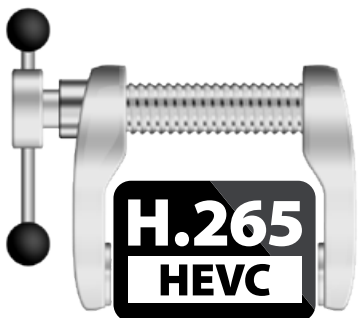


Fully featured, built tough

Professional Series: Fixed lens domes available in 4.0MP

At only 50mm in height, keep every angle covered with this low profile, high resolution IP dome. Install anywhere with a small Ø106mm base, true WDR, edge recording, vandal/weather rated housing, built-in audio and more.

- Stream up to 4.0MP (2688 x 1520) at 25fps
- H.265 encoding for efficient storage & streaming
- 20m infrared range; true day/night (auto ICR)
- Built in microphone and microSD slot up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67/IK10 weather/vandal rated dome housing
- ONVIF, PSIA and CGI compliance



Efficient Video Storage & Streaming



Double Full HD Resolution



Vandal & Weather Resistant

Model		CAM420/421/422				
Camera	Image Sensor	1/3" 4.0MP Progressive Scan CMOS				
	Effective Pixels	2688 (H) x 1520 (V)				
	RAM / ROM	512MB / 32MB				
	Min Illumination	0.08 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)				
	S/N Ratio	> 50dB				
	Infrared System	10 x Infrared LED, 20m range, Auto/manual on/off control				
Lens	Lens / Iris	2.8mm F2.0 Fixed Lens (CAM420) / 3.6mm F2.0 Fixed Lens (CAM421) / 6.0mm F2.0 Fixed Lens (CAM422)				
	Field of View	Horizontal: 87° (104°, 57°), Vertical: 48° (57°, 31°)				
	Focus	Fixed				
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)				
	Frame Rate	Main	4.0MP (1 ~ 25fps)			
		Sub	D1 (1 ~ 25fps)			
		Third	720p (1 ~ 25fps)			
	Video Compression	H.265 / H.264				
	Bit Rate	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps				
	Bite Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)				
	Day/Night	Auto (ICR) / Color / B&W				
	Lighting Compensation	BLC / HLC / WDR (120dB)				
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual				
	Gain Control	Auto / Manual				
Noise Reduction	3D DNR					
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°)					
IVS	Intelligent Functions	Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared				
Network	Ethernet	RJ-45 (10/100Base-T)				
	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP				
	Streaming Method	Unicast / Multicast				
	Max. User Access	10 Users / 20 Users				
Interface	Video Interface	N/A				
	Audio Interface	Built-in Microphone / Compression: G.711a, G.711Mu, AAC, G.726				
	Alarm Interface	N/A				
	RS485	N/A				
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC				
	Interoperability	ONVIF / PSIA / CGI				
Environmental	Power Supply	12VDC / PoE (802.3af) (Class 0)				
	Power Consumption	<4.5W				
	Operating Conditions	-30° ~ +60° C / Less than 95% RH				
	Ingress Protection	IP67				
	Vandal Resistance	IK10				
	Housing	Metal, Polycarbonate				
	Pan/Tilt/Rotation	Pan: 0° ~ 60° ; Tilt: 0° ~ 80° ; Rotation: 0° ~ 360°				
	Dimensions	Ø106mm x 50mm				
Net Weight	0.4kg					
Application	Diagrams					
	Accessories					
	Models	Junction Box (MB1047)	Wall Mount (MB1046)	Ceiling Extension (MB1060+ MB1057)	Wall Mount (MB1060+ MB1054)	Pole Mount (MB1046+ MB1027)
Product Variants by Model						

Your local VIP Vision™ IP solutions professional: