

12.0 Megapixel Infrared Motorised Dome

Model: CAM394



The best in image resolution and professional features in a single camera. Be amazed with broadcast quality Ultra HD resolution video, streamed in real-time up to 16Mbps.

Camera Features

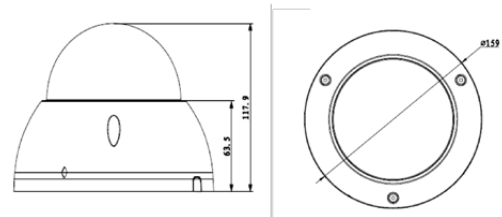
- Stream Ultra HD 12 megapixel (4000 x 3000) at 20fps
- H.265 encoding for ultra-low bitrate video transmission
- 4.1 ~ 16.4mm motorised lens with 106 ~ 32° viewing angles
- Day/night (auto ICR) with 50m maximum infrared range
- Wide dynamic range (120dB) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Audio and alarm interface input/output; BNC video output
- Supports triple stream and smart detection technologies
- IP67/IK10 weather/vandal resistant housing for external use

Compatible Accessories

Sold separately. Adapters may be required, check compatibility list for details.



Model		CAM394
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/1.7" 12.0 Megapixel Progressive Scan CMOS	
Effective Pixels	4000 (H) x 3000 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4.1 ~ 16.4mm F1.4 Motorised Lens with Auto Iris (DC)	
Angle of View	106° (wide) ~ 32° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/100000s)	
Minimum Illumination	0.05 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Sunny / Night / Outdoor / Customised	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120Db)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / AAC	
Alarm Interface	1 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264 / H.265: 8K ~ 16Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Scene Change / Face Detection	
Video		
Video Compression	H.265 / H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Frame Rate	Main	12.0MP (1 ~ 20fps) / 8.0MP and lower (1~25/30fps)
	Sub	D1 and lower (1 ~ 25/30fps)
	Third	1080p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP67	
Vandal Resistant	IK10	
Maximum Infrared Range	50m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3at)	
Power Consumption	< 18W	
Dimensions	Ø159 x 118mm	
Weight	1.1kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



Your local VIP Vision™ professional: