



Double Full HD resolution.

Professional Series: Motorised lens bullets available in 4.0MP

Each bullet in this series can remotely configure wide or narrow field of view, allowing you to enjoy hassle free surveillance installation and adjustment should your surveillance requirements or environment change.

- Stream up to 4.0MP (2688 x 1520, 16:9 ratio) at 20fps
- Motorised lens & fixed iris for up to 4x optical zoom
- Long 60m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use
- ONVIF, PSIA and CGI compliance



True Wide Dynamic Range



Double Full HD Resolution



Long Range 60m Infrared

Series Specifications

Model		CAM410	
Camera	Image Sensor	1/3" 4.0MP Progressive Scan Exmor CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	
	RAM / ROM	256M / 16MB	
	Min Illumination	0.1 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	
	S/N Ratio	> 50dB	
Infrared System		4 x Infrared LED, 60m range, Auto/manual on/off control	
Lens	Lens / Iris	2.8 ~ 12mm F1.4 Motorised Varifocal Lens with Fixed Iris	
	Field of View	Horizontal: 100°~35°, Vertical: 54°~20° (4x Optical Zoom)	
	Focus	Auto Focus / 0.3m Focus Distance	
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	
	Frame Rate	Main	4.0MP (1 ~ 20fps) / 3.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
		Third	N/A
	Video Compression	H.264+ / H.264	
	Bit Rate	H.264: 24 ~ 8192Kbps	
	Bit 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	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	
	Ethernet	RJ-45 (10/100Base-T)	
Network	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	
	Video Interface	N/A	
Interface	Audio Interface	N/A	
	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	<13W	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	N/A	
	Housing	Metal	
	Pan/Tilt/Rotation	Pan: 0° ~360 °; Tilt: 0° ~90°; Rotation: 0° ~ 360°	
	Dimensions	Ø72mm x 80mm x 213mm	
Net Weight	0.685kg		
Application	Diagrams		