


AG623ZF

Product Image		Product Features	
		★ Features AOV mode, 24/7 recording at 1 frame per second.	
		★ Boasts an ultra-wide-angle lens and PTZ (Pan-Tilt-Zoom) capabilities, offering flexible rotation for a	
		★ Employs dual night vision modes (color and B&W), supported by supplemental lighting to ensure clear images in low-light conditions.	
		★ Leverages AI algorithms for intelligent tracking, featuring human detection and targeted following.	
		★ Offers customizable siren sounds and audio-visual alarms.	
		★ Support cloud storage	
		★ Four lenses to monitor different directions simultaneously.	
		★ Dual light source, full color day and night	
No.	Sorts	Type	Parameters
1	System	Operating system	Linux
		Online visitor	Supports 4 visitors at the same time
2	Collection	APP	Vstarcam Ultra
		Processor	Hi3516CRNCV610
		Memory	1Gbit
		Image sensor	5*CV2005 1/3.0
		Min. Illumination	Color: 0.8 Lux @ (F1.6) B/W: 0.3 Lux @ (F1.6)
		Lens	Bullet channel: Focal length 4mm, 1G3P PTZ channel: Focal length 4mm (1G3P) + 12mm (1G2P)
		Sensor performance	Support automatic white balance, automatic gain control and automatic backlight compensation
		PTZ	PTZ channel (App control): pan 270 °, tilt 90 °; Bullet channel (Manual adjustment): pan 244 °, tilt 90 °.
	Field of View	100 ° diagonal	
3	Video	Night vision	Full-color night vision, dual-light source. PTZ channel: 4 dual-color dual-light LEDs Left Bullet channel: 4 dual-color dual-light LEDs Right Bullet channel: 4 dual-color dual-light LEDs Center: 4 dual-color dual-light LEDs
		Compression standard	H.265 /MJPEF/JPEG
		Multi stream	UHD: 1920*1080@10fps; SD: 640*360p@10fps
		IR control	When IR night vision is enabled, the IR and ICR operate automatically; when disabled, IR stays off and ICR is fixed in day mode.
		Bit rate	CBR/VBR control modes; Output range: 128~4096kbps
4	Audio	Image adjustment	Vertical, horizontal adjustable, OSD support
		Input	Built-in-38dB microphone
		Output	Built-in 8Ω1W speaker
		Sampling frequency/bit width	8KHz/16bit
	Compression standard/Bit Rate	G711A	
5	AI	Human detection	Detects human and filters out false alarms.
		Zone detection	Customizable monitoring zones; focus only on areas of interest.
		Smart notification sounds	Differentiated push notification sounds to identify which device was triggered.
		Smart alarm sounds	Set different device alarm sounds according to different scenarios.
	Advanced AI (testing)	Pet, vehicle, and package detection (Under development).	
6	Network	Network connection	Scan device QR code to add; Device scans APP QR code; Bluetooth configuration.
		Cat1 China	FDD:B1/B3/B5/B8 TDD:B34/B38/B39/B40/B41
		Cat4 Overseas	European version/Japanese version/US version/Australian version
7	Key/interface	Key 1	On/Off key
		Reset key	Long press to restore factory settings
8	Storage	External TF card	Support TF card (up to 256GB)
		Cloud storage	Support
9	Alarm	Sound light alarm	Sound and light alarm
		Alarm detection	Support human detection
10	Physical Indicators	Rated voltage	DC5V/2.5A±5%
		Power supply	16000mAh battery powered
		Power consumption	AOV mode 70mAh, operating range: 400MA-1.8A max.
		Operating condition	Temperature: -10 ~ 55°C; Humidity: < 90%
		Weight	Net weight: 1250g Gross weight: 2600g
		Camera Size	192x286x173mm
		Packing list	Camera*1, Type-C*1, User Manual*1, Solar Panel*2 (including brackets)