

AW623SR			
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 full 360° coverage.	
		★ 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	
		★ Three 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	Hi3516CRNCV608
		Memory	1Gbit
		Image sensor	3*CV2005 1/3
		Minimum illumination	0.8Lux/F1.4 (Color), 0.3Lux/F1.4 (B/W)
		Lens	Bullet channel:focal length 4mm, 1G3P PTZ channel: focal length 4mm, 1G3P
		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 °.
3	Video	Field of View	100 ° diagonal
		Night vision	Full color night vision, dual light source
		Compression standard	H.265 /MJPEF/JPEG
		Multi stream	Main Stream: 1920×1080@12fps Sub Stream: 640×384@12fps
		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
5	AI	Compression standard/Bit Rate	G711A
		Human detection	Detects human shapes 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.
6	Network	Advanced AI (testing)	Pet, vehicle, and package detection (Under development).
		Network connection	Scan device QR code; Scan APP QR code; Bluetooth pairing; AP mode pairing
		Wireless Standard	IEEE 802.11 b/g/n/ax WIFI6
7	Buttons	Wireless Frequency Band	2.400 GHz ~ 2.497 GHz 4.900 GHz ~ 5.845 GHz
		Power button	Power On/Off
8	Storage	Reset button	Long press to restore factory settings
		External TF card	Support TF card (up to 256GB)
9	Alarm	Cloud storage	Supported
		Sound light alarm	Support
		Detection	Support human detection
10	Physical Indicators	Charging voltage	DC5V/2.5A±5%
		Power supply	12000mAh battery powered
		Power consumption	AOV mode 60mAh, working: 400MA-1.8A max
		Operating condition	Temperature: -10 ~ 55°C; Humidity: < 90%
		Weight	Net weight: 1220g Gross weight: TBD
		Camera Size	192x286x173mm
		Packing list	Camera*1,TYPE-C*1, user manual*1, solar panel*2, solar panel bracket*2