



AirLink iLife Inc.

ASP37-5.0MP — 5.0MP 4G AI Bullet Camera



Key Features

<ul style="list-style-type: none"> ▶ 5.0MP Progressive Scan CMOS — 2592 x 1944 max resolution 	<ul style="list-style-type: none"> ▶ WireGuard VPN Peer — Encrypted secure tunnel, no public IP required
<ul style="list-style-type: none"> ▶ Aluminum Alloy Housing — Innovative heat dissipation, high-temp rated (-40°C ~ 85°C) 	<ul style="list-style-type: none"> ▶ AirLink Cloud Management Platform — Centralized remote management
<ul style="list-style-type: none"> ▶ Starlight Low-Light Performance — Color 0.001 Lux, B/W 0.0001 Lux 	<ul style="list-style-type: none"> ▶ RTMP Streaming Support
<ul style="list-style-type: none"> ▶ 6x IR LEDs or 4x IR LEDs + 1x Red LED + 1x Blue LED— Effective night vision distance 100M 	<ul style="list-style-type: none"> ▶ FTP Event Upload & HTTPS API Event Push
<ul style="list-style-type: none"> ▶ 4x Optical Zoom Lens (2.8–12mm auto focus) 	<ul style="list-style-type: none"> ▶ Manual DNS Configuration — M2M SIM network compatible
<ul style="list-style-type: none"> ▶ Red/Blue Strobe Alarm — Active deterrence flashing red/blue warning lights on human detection 	<ul style="list-style-type: none"> ▶ Full Web-Based Remote Access
<ul style="list-style-type: none"> ▶ Audio Alarm with MP3 Playback — Configurable voice warnings & siren 	<ul style="list-style-type: none"> ▶ H.265+ / H.265 / H.264 — Dual Stream, CBR/VBR
<ul style="list-style-type: none"> ▶ IO Input / Output — External sensor and relay output integration (optional) 	<ul style="list-style-type: none"> ▶ TF Card Slot — Up to 512GB local storage
<ul style="list-style-type: none"> ▶ Human Detection Bounding Box — Visible on-screen during alarm activation 	<ul style="list-style-type: none"> ▶ Two-Way Audio — Built-in Mic + Speaker

▶ AI Human Recognition & Automatic Tracking	▶ ONVIF Compatible — Full API & CGI provided
▶ Four Defense Modes — Intrusion, Enter Area, Leave Area, Area Invasion	▶ Lightning Protection — GB/T17626.5 / IEC61000-4-5
▶ 4G LTE with 3G/2G Fallback — Band 28 compatible	▶ Waterproof IP66 Enclosure

Camera	
Model	ASP37-5.0MP
Image Sensor	5.0MP Progressive Scan CMOS, 1/2.8" MStar SSC337DE + Sony IMX335 Starlight
Scanning Mode	Progressive Scanning
Min. Illumination	Color: 0.001 Lux @ F1.2 B/W: 0.0001 Lux @ F1.2
Day & Night	IR-CUT Dual Optical Filter — Auto Switch
DNR	3D-DNR
IR Source	6x IR LEDs or 4x IR LEDs + 1x Red LED + 1x Blue LED
IR Distance	100M (no-light condition)
WDR	128dB
S/N Ratio	≥ 50dB
Shutter Speed	1/10 ~ 1/10,000s
White Balance	Auto / Manual / ATW / Indoor / Outdoor / Daylight / Sodium Lamp
AGC	Auto / Manual
Privacy Masking	4 programmable zones
Lens	
Fixed Lens Options	3.6mm / 4mm / 6mm / 8mm / 12mm
Optional Zoom Lens	2.8–12mm, 4x Optical Zoom, Auto Focus
Enclosure Material	Aluminum Alloy — High-temp patented heat dissipation structure
Video & Audio	
Max Resolution	2592 × 1944
Frame Rate	5MP 2592×1944 @ 25fps 2560×1440 @ 25fps 1080P @ 30fps
Video Compression	H.265+ / H.265 / H.264 Main Profile
Streams	Dual Stream (simultaneous)
Bitrate	CBR / VBR — 32Kbps ~ 30Mbps variable
Audio	Built-in Mic + Speaker (Two-Way)
Audio Compression	G.711 / AAC
RTMP	Supported — audio, video, and text streaming

OSD	Camera name, time display — position adjustable
AI Detection & Active Deterrence	
AI Functions	Human Recognition & Detection, Automatic Human Tracking
Defense Modes	Intrusion Detection, Enter Area, Leave Area, Area Invasion
Human Detection OSD	Bounding box overlay visible on-screen during alarm activation
Red/Blue Strobe Alarm	Police-style red/blue flashing light board — triggered on human detection
Audio Alarm	Configurable siren + MP3 voice playback
Other Alarms	Motion detection, shadow alarm, network disconnect, IP conflict
4G Connectivity & Remote Access	
Cellular	4G LTE with automatic 3G / 2G fallback
Band 28 Support	Yes (700 MHz — Airtel / Vi compatible)
M2M SIM DNS	Manual DNS configuration supported
VPN	WireGuard VPN peer — encrypted tunnel, no public IP required
Web Access	Full browser-based remote management — all camera parameters
AirLink Cloud Management Platform	
Architecture	Hybrid — event metadata to cloud, video on local SD card
Public IP Required	No — WireGuard-based secure tunnel
Remote Management	Centralized management for large-scale deployments (1–6,000+ cameras)
Event Alerts	HTTPS API push — real-time event notifications
FTP Upload	Event snapshots / video clips via FTP
Platform Access	Web dashboard — live view, event log, device configuration
Compatibility	AirLink cameras only — native integration
Network & Protocols	
Protocols	TCP/IP, HTTP, HTTPS, NTP, DHCP, UDP, SMTP, RTP, RTSP, FTP, RTMP, SNMP, PPPOE, DDNS, ONVIF
API / CGI	Full API & CGI development package provided
Lightning Protection	Power + Network + PoE — GB/T17626.5 / IEC61000-4-5
General	
Power Supply	DC 12V ± 10%
Power Consumption	1W (IR off) / 9.5W (IR on)
Storage	TF Card Slot — up to 512GB
Working Temperature	-40°C ~ 85°C, Humidity ≤ 95% RH (no condensation)
Enclosure	IP66 Waterproof, Aluminum Alloy



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