



◆ SPECIFICATION

Model NO.	AC87
Features	
◆ Easy to install and use	
◆ Clear and smooth video browsing; intelligent transmission giving full play to capabilities of the network	
◆ Online firmware upgrade, and synchronous updating of the functions and experience	
◆ Two-way voice intercom supported; echo eliminated; noise suppressed	
◆ Compatible with Android; remote real-time monitoring supported with the IOS intelligent terminal	
◆ 2-megapixel high resolution (1920X1080) for clear picture quality	
◆ Lighting for infrared night vision (with a night vision distance of 7m); 24h around-the-clock monitoring; IR-CUT switching; free of color cast in the daytime; clearer night vision	
◆ The built-in rechargeable lithium battery with long battery life functions for up to 6 months under normal circumstances and can stand by for 12 months	
◆ 2.4G Wi-Fi supported (IEEE802.11b/g/n)	
◆ Cloud storage, Micro SD card (up to 128GB) and mobile phone video recording supported	
◆ QR code intelligent connection and network allocation supported	
◆ Supporting human contour detection, activity zone, intelligent push and pet snapshot, Package inspection (value added service required)	
◆ IP65 Easy installation: support 1 / 4 universal screw bracket	
Specifications	
Main Processor	
SOC	T31ZL
Image Sensor	
Sensor	1/2.9" color CMOS Sensor
Lens	M12, f: 3.3mm, F2.0, 2-megapixel
Visual angle	H (horizontal) 95 degrees; V (vertical) 55 degrees; D (diagonal) 110 degrees
Minimum Illumination	0.01 Lux
Audio	
Input/Output	Two-way voice intercom available (built-in Microphone and speaker)
Audio Compressing Method	AAC

Video	
Video Compressing Method	H.264/H.265
Lighting Frequency	50Hz, 60Hz
Image Frame Rate	15 fps
Maximum Image Resolution	1920*1080P
Light Source for Night Vision	IRCUT double optical filter automatic switching, and 8 infrared lights (850nm wavelength)Irradiation distance: 7M
Network	
Wireless Network	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Protocols Supported	TCP/IP, UDP/IP, DHCP, RTMP, MUDP
IP Address Supported	Dynamic IP address supported
AI	
Intelligent Features	Human contour detection, activity zone,intelligent push, pet snapshot,Package inspection
Alarm Notification	
Alarm Methods	Alarm push by mobile APP and alarm sound
Wake-up	
Wake-up Method	PIR body induction wake-up, and remote positive wake-up
Video Recording	
Recording Method	Alarm triggered recording, and manual recording
Video Storage	Cloud storage, local Micro SD card, and mobile phone memory
Indicator Lamps	
LED Indicator	RGB tri-color lamp indicating the status of power/network signal/functionality
Battery	
Capacity	5200mAh/6700mAh (Optional)
Removability	Unremovable
Battery Life	6 months (provided that 20 10s videos are recorded per day)
Standby Time	1 year
Charging Voltage	DV 5V+-5%/1.5A
Charge Time	Within 10 hours
Protection Method	IP65 is dustproof and waterproof; over-current/over-discharge/over-charge/short circuit/charging protection at high & low temperatures
Power Consumption	
Standby Power Consumption	1.68mW (4V 0.42mA)
Power Consumption of Daytime Operation	0.88W (4V 220mA)
Power Consumption of Operation at Night	2.20W (4V 550mA)
Interface	
Power Supply	1 Micro USB interface
SD Card	1 Micro SD card (up to 128GB supported)
Keys	1 reboot key and 1 on/off key

Installation Method	
Installation Method	Bottom 1/4 universal screw hole
Environment	
Dustproof and waterproof	IP65
Operating Environment	-10° ~ 45°C /10% ~ 80% (no condensation)
Storage Environment	-20°C ~ 60° /0% ~ 90% (no condensation)
Specifications	
Size (LxWxH)	89mm*58mm*59mm(without bracket)
Material + Process	ABS+PC
Color	White
Certification	
Certificate	CE, FCC, RoHS, WEEE, MSDS, UN38.3, UL62368, BattG

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