XT-05

Wi-Fi Security Camera

datasheet

Key Features:

3MP/2K Resolution: Capture high-quality images at 2304x1296 pixels for clear and detailed visuals.

9000mAh Battery: Equipped with a powerful battery that provides long-lasting operation, reducing the need for frequent recharging. It can function for up to 6 months under normal circumstances and standby for 12 months.

110° Viewing Angle

H.265 Video Codec: Utilizes the efficient H.265 video compression algorithm, enabling high-definition video transmission while conserving bandwidth and storage space.

Infrared Night Vision: Equipped with lighting for infrared night vision, with a range of up to 7 meters. Provides clear monitoring throughout the day and night, with IR-CUT switching for accurate color representation during the day and enhanced night vision.

Two-Way Audio with Noise Suppression: Engage in clear and seamless communication using the built-in two-way audio feature, enhanced with noise suppression technology for optimal sound quality.

Wireless Connectivity: Effortlessly connect to your home network using wireless 2.4GHz n/g/b technology, ensuring stable and reliable remote access.

Weatherproof Design: Designed with an IP65 weatherproof rating, suitable for **indoor** use and providing protection against the elements.

Alarm Function: Supports alarm flashing white light and optional night vision red and white light, enhancing security and visibility.

Storage Options: cloud storage, Micro SD card support (up to 128GB), and mobile phone video recording, providing flexible storage options.

2-Year Warranty

XT-05		Specifications
Master Processor	SOC	Ingenic T31ZL
Image Sensor	Sensor	1/2.8" color CMOS Sensor
	Lens	M12, f: 2.8mm, F2.0, 3-megapixel
	Visual angle	110 degrees
	Minimum Illumination	0.01 Lux
Audio	Input/Output	Two-way voice intercom available (built-in Microphone and speaker)
	Audio Compression Method	AAC
Video	Video Compressing Method	H.265
	Lighting Frequency	50Hz, 60Hz
	Image Frame Rate	15 fps
	Maximum Image Resolution	2304*1296
	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, MUTP

	IP Address Supported	Dynamic IP address supported
AI	Intelligent Features	Support Human contour detection, activity zone,intelligent push, pet snapshot
Alarm Notification	Alarm Methods	Alarm push by mobile APP, 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
Indicator Lamps	LED Indicator	RGB tri-color lamp indicating the status of power/network signal/functionality
Battery	Capacity	9000mAh
	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 8 hours
	Protection Method	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	1W((3.8V 264mA)
	Power Consumption of Operation at Night	2.17W((3.8V 571mA)
Interfaces	Power Supply	1 Type-C Interface
	SD Card	1 Micro SD card (up to 128GB supported)
	Keys	1 on/off button
Installation Method	Installation Method	Magnet and 1/4 universal screw holes
Environment	Dustproof and waterproof	PI65
	Operating Environment	-10° ~ 45°C /10% ~ 80% (no condensation)
	Storage Environment	-20°C ~ 60° /0% ~ 90% (no condensation)
Specifications	Size (LxWxH)	72.1mm×63.3mm×97.4mm (with bracket excluded)
	Net Weight of Bare Machine	Approx. 350g
	Finished weight	Approx. 570g
	Material + Process	ABS
	Color	White with high gloss