



Main Features	• 90° dual-lens design with 180° panoramic dual-view live preview.		
	• Dual PIR lens design provides blind-spot-free front motion detection		
	• Supports Picture-in-Picture (PIP) and dual-view full-screen preview.		
Features	• Equipped with a 5W monocrystalline solar panel and built-in 15,600mAh rechargeable lithium battery for extended operating time.		
	• Built-in microphone and speaker with full-duplex two-way audio.		
	• Built-in ambient temperature sensor for real-time temperature monitoring (Optional).		
	• Built-in GPS module for real-time positioning (Optional).		
	• Supports Cloud Storage and local Micro TF Card storage.		
	••The APP is compatible with Android and IOS, and the camera is stable and reliable		
	• Supports Bluetooth provisioning for quick and easy setup.		
	• Features 950nm invisible infrared night vision		
	• Equipped with a 5DB external antenna for enhanced signal stability.		
	• Supports AI Animal Recognition via cloud service (Cloud subscription required).		
	• IP66 outdoor Waterproof		
Product Name	Low-Power Dual-Lens Hunting Camera		
Model	MS-HC828		
System	Main Chipset	Ingenic T33ZL	
	System	Linux/RTOS	
Video	Image Sensor	Dual 1/2.9" CMOS Image Sensors	
	Lens	3.6 mm, F1.6, Horizontal FOV: 90° per lens, Dual-lens angle: 90°	
	Live View Resolution	HD: (2304*1296) ×2/15fps; SD: (640*360) ×2/15fps	
	Local Recording to TF Card	(2304*1296)×2/15fps	
	Video Compression and Encoding Standards	H.264/H.265	
	Night Vision	950 nm Invisible Infrared Night Vision	
Audio	Audio Compression Standards	AAC and G.726	
	Audio Input	Built-in high-sensitivity -38DB microphone	
	Audio Output	Built-in 8Ω 1W speaker	
	Two-way Audio	Supports half-duplex/full-duplex voice calls	
Network	Network Module	Customized low-power LTE module	
	Supported Regions (Optional for 4G Module Version)	Middle East, Southeast Asia, USA, Europe, Australia, and Global Versions	
	SIM	Nano SIM	
PIR	PIR Specifications	Dual PIR fresnel lenses, Detection distance up to 20 m, 85° detection angle per PIR, Staggered layout for wider coverage	
	PIR Sensitivity	Adjustable (5 Levels)	
	False Alarm Filtering	Supports motion detection and false alarm filtering	
Network Configuration	Network Configuration	Supports adding via bluetooth and QR code scanning.	
Working Mode	Video Recording Mode	Turn On Method	APP set to recording mode
		Function	After PIR is triggered, The camera recording starts automatically. The recording duration can be set in the app (start-up time < 0.25 seconds).
		Recording	(2304*1296) ×2/15fps
	Photo Mode	Turn On Method	APP set to camera mode
		Function	After PIR is triggered, the camera automatically takes a picture (start-up time <0.25 seconds).
		Recording	Dual screen resolution4608*5184 24mp
GPS Positioning	GPS Positioning	Built-in GPS Module	
	LBS Positioning	Automatically switches to LBS (Base Station Location) when GPS signal is unavailable	
Temperature Detection	Temperature Detection Range	-30°C ~+60°C	
	Temperature Resolution and Accuracy	Resolution: 0.0625°C Accuracy: ±0.5°C(0-60°C) ±1°C(-30-0°C)	
Power Supply	Built-in Battery	Built-in 6 × replaceable 18650 lithium batteries, Total capacity: 15,600 mAh	
	Solar Power	5W Monocrystalline solar panel	
	Type-C Charging	5V 2A	
Power Consumption	Sleep Power Consumption	≈15mW	
	Daytime Video Recording Rower Consumption	≈1.1W	
	Night Vision Recording Power Consumption	≈3.5W	
Value-Added Services	4G Data Service	Enjoy 7 days of free unlimited mobile data. A paid data plan is required after the 7-day trial.	
	Cloud Storage Service	Activate the device to receive a free one-month cloud storage trial.	
Others	TF Card Storage	Supports TF Card 4GB-128GB	
	Waterproof Rating	IP66	
	Indicator Lights	Device working status, 4G signal indicator, charging indicator	
Working Environment	Working Temperature	-20°C ~+65°C	
	Working Humidity	≤80%RH	
APP	App Name: UconPro		