THE SOLAR GUY

AI Camera One-Stop Solution

Model: CG1	Product 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
	◆ 4-megapixel starlight high resolution (2560X1440) for clear picture quality
	◆ Dual-source lighting for night vision (night vision distance = 7 m) comprising infrared lamp / white-light source; color images available for 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, vechicle detection, pet snapshot and package inspection (value added service required)
	◆ IP65 Easy installation: support 1/4 universal screw bracket and magnetic suction bracket

CG1 Items		Specifications
Master Processor	SOC	ARM
Image Sensor	Sensor	1/3" color CMOS Sensor
	Lens	M12, f: 2.97mm, F1.6, 4-megapixel
	Visual angle	H (horizontal) 105 degrees; V (vertical) 58.3 degrees; D (diagonal) 123.6 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.265
	Lighting Frequency	50Hz, 60Hz
	Image Frame Rate	15 fps
	Maximum Image Resolution	2560*1440P
	Light Source for Night Vision	Mid-power infrared lamp (850nm in wavelength) / dual-source white-light source with an irradiation distance of 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	Human contour detection, activity zone, vechicle detection, pet snapshot and package inspection
Alarm Notification	Alarm Methods	Alarm push by mobile APP , white light flashing and alarm sound
Wake-up	Wake-up Method	PIR body induction wake-up, and remote 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	1.93mW(4V 0.48mA)
	Power Consumption of Daytime Operation	1.11W(3.87V 288mA)
	Power Consumption of Operation at Night	2.02W(3.73V 542mA)
Interfaces	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	Magnet and 1/4 universal screw holes
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)	84mm*62mm*96mm(without bracket)
	Material + Process	ABS+PC
	Color	White with high gloss
Certifications	Certificate	CE, FCC, RoHS, WEEE, MSDS, UN38.3, UL62368

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