FG510

Product Image	Product features
	☆2 MP Ultra HD
	☆AI function: supports open flame detection, smoke detection, fire point recognition, smoke and flame framing
	☆Alarm voice prompt, area detection alarm, customized voice
	☆F1.6 large aperture, clearer image
	☆Soft light design, presenting a full color image in 24 hours
	☆ISP image processing technology, preserving true colors
	☆Human detection, real time alerts
	☆Remote access, view the monitoring areas anytime and anywhere

No.	Sorts	Type	Parameters
1	Collection	Operating system	Linux
		Online visitor	Supports 4 visitors at the same time
		APP	O-KAM
2	Collection	CPU	Ingenic T41
		Memory	1Gbit
		Lens	4mm /6mm F1.6 aperture
		Image sensor	1/3 CMOS sensor
		Minimum illumination	0.01Lux
		Sensor performance	Support automatic white balance, automatic gain control and automatic backlight compensation
		Night Vision	4 warm lights, full color night vision
		Viewing angle	4mm- diagonal 92°, 6mm- diagonal 58.3°
3	Video	Resolution	1920*1080P/25FPS/2 MP
		Night Vision	Full color night vision
		Compression standard	H.265 /H.264 /MJPEF/JPEG
		IR control	No IRCUT, full color night vision, automatically adjusting the brightness of the lights according to the environment
		Bit rate	128～4096kbps
		Image adjustment	Brightness, contrast, OSD display
4	Audio	Input	Built-in-38dB microphone
		Output	Built-in 8Ω2W speaker
		Sampling frequency/bit width	8KHz/16bit
		Compression standard/Bit Rate	G711A
5	AI	Smoke&fire detection	Flame&smoke detection and framing, directly locate the fire point; Minimum pixel of flame: 30X30 pixels, lasting for more than 3 seconds; Recognizable flame colors: infrared, orange, yellow; Recognized smoke colors: gray white, gray black; Recommended installation height: 3 meters; Detection rate: 90%
		Alarm	Camera: Alarm voice prompt; App: real time push of alarm messages.
		Alarm detection	Motion detection, fire point detection, and smoke&fire detection.
		Area detection	Free smear, only monitor the areas concerned by users
		Smart notification sound	Different devices push different sounds, so that you can know exactly which device is triggered
		Intelligent alarm sound	Set different equipment alarm sounds according to different scenarios
6	Network	Network interface	10Mbps/100Mbps adaptive/RJ45 interface
		Network protocol	TCP/IP,HTTP,TCP,UDP,DHCP,DNS,NTP,RTSP,P2P etc.
		4G（China）	FDD:B1/B3/B5/B8
			TDD:B34/B38/B39/B40/B41
			WCDMA:B1/B5/B8
7	Storage	External TF card	Support TF card (up to 256GB)
		Cloud storage	Support cloud storage
8	Alarm	Alarm detection	Motion detection, siren sound, and area detection
		External alarm interface	Supports alarm input and output, RS485 modbus protocol

9	Physical Indicators	Rated voltage	DC12V±5%, supports standard POE 48v
		Power consumption	Power: 7.7W (warm light on), maximum power: 8.8W
		Operating condition	Temperature: -10～50℃; Humidity: ＜90%
		Weight	(Note: in kind prevail)
		Packing list	Camera, screw pack, allen wrench, warning sticker, screwdriver, manual