

Specifications

OS	OS	Linux
	Startup time	8s
	Language	English / Russian / Spanish / Korean
	Screen	2-inch color LCD
	Recording video resolution	2688×1512/2560×1440/ 2304×1296/1920×1080
	Recording frame rate	25fps@ (2688×1512)/30fps@ (2560×1440)/ 30fps@ (2304×1296)/30fps@ (1920×1080)
	Record mode	Record video&audio altogether, independent dual stream for local recording and live view video.
Audio	Live view video resolution	2688x1512,2560x1440, 1920x1080, 1280x720
	Audio input	1x MIC input, support intercom connection with USB
	Audio output	Built-in high-quality speaker
	External audio port	2.5mm headphone jack, support headphone, microphone and PTT
	Compression	PCM
Photo	Audio record	Support record audio file only
	Performance	8640x4752 / 7680x4288 / 5760x3216 / 1920x1080 optional
	Snap	Support capturing pictures from live video
	Photo file format	JPG
	Burst shooting	5/10/20/25 pictures at a time
Lens	Lens	5 million pixels HD lens
	Angle	105 degrees (HOV)
	Digital zoom	8X
	Geometric distortion	less than 16%
Storage	Data storage	Built in 32GB TF card(optional up to 256GB)
Night vision	Night vision	Night vision automatically/manually turned on in low light environment
	Performance	Up to 7 meters with visible face detection
Light source	Flash light	To increase brightness when you are recording or taking a photo
	Laser	Auxiliary locking imaging center or laser marking
Connectivity	USB	1x USB Mini port
External camera	External camera	Support external 1080P HD IR camera (optional)
Network	Protocol	TCP/IP, RTSP, RTMP, GB28181
	3G/4G	FDD-LTE/TDD-LTE/WCDMA/EVDO/GPRS
	WiFi	Support (optional)
	Bluetooth	Bluetooth 4.0 (optional)
GPS	Positioning	Built-in GPS. Support GPS/GLONASS (optional)
Firmware	Facial recognition	Face recognition with deep learning algorithm, massive local blacklist or cloud recognition (optional)
	Plate number recognition	Support (optional)
	Voice control	Support (optional)
	G-Sensor	Support (optional)
	Voice broadcast	Support (optional)
	Playback	Support local playback, search video files by time, alarm, etc.
	Remote view	Support remote online playback & file download
	Interphone	Support (optional)
	On screen display	Date, time, device ID, user number, location information, speed information, etc.
	Overwrite	Support
	Playback speed	Fast forward/backward 1~128 times
	Pre&Post event buffer	10s pre-recording, 60s post-recording
	Password authorization	Support
	Encryption	AES256 encryption
	Log	Support
Software	hPlayer	Play back multiple cameras files together, including the encrypted files. At the same time it analyzes the data information in the file.
Upgrade	CMSV6	Support real-time preview & positioning, track playback, intercom, remote command issuance, etc.
	Firmware upgrade	Upgrade via USB interface or remote upgrade on CMSV6
Power	Battery capacity	2*2700mAh batteries
	Backup battery	Built-in 60mAh battery to ensure continuous power during replacement
	Working hour	18 hours of continuous recording @1920x1080 (two batteries)
	Charging time	1A power adaptor, 4 hours charging
Working environment	Operating temperature	-30~55℃
	Humidity	40%~80%
Other	Cradle	Charging and USB data transfer
	Time	Support time synchronization with network, computer or GPS
	Light indicator	Light indicators for charging, idle, video recording, photo, audio recording
	IP rating	IP56
	Drop	2m
	Size	34.8" x 23.2" x 13.5" (88.4mm x 59mm x 34.3mm)
	Weight	7.13oz (202g)