Operating system	Operating system	Linux 3.10.73
	Booting time	< 8 s
	Language	English/Russian
Video	Video input	1x digital camera for 1080p/720p/360p recording, available for external camera
	Video output	2" LCD screen
	Recording resolution	1920x1080/1280x720/640x360p
	Frame rate	30fps at 1080p
	Record mode	Record audio and video at the same time
	Compression	H.264 (high-profile up to level 4.1)
Audio	Audio input	1x Mic input, support intercom connection with USB
	Compression	PMC
	Audio record	Supports audio recording
Video process	Live video resolution	1920x1080/1280x720/640x360
	Photograph	1920x1080-8640x4752p
	Snap	Supports snapping during recording (photo resolution base in recording resolution)
	Storage	Built in 16GB TF card (available for 16-128GB)
Light source	Flash light	To increase brightness when you are recording or taking a photo
	Laser	Fix the view when you record
	IR	Up to 10 meters with visible shape image at night

Two way radio	Talk back	Supports two way radio between different devices (only for 4G/3G device)
	Talk back in platform	Supports two way radio between device and platform (only for 4G/3G device)
Lens	Lens's angle	>125°
Alarm	Alarm input	Supports alarm input and the alarm can be show in platform
Interface	USB	1x USB, for charging, communication with PC, upgrade OS, connect external camera
Network	Protocol	TCP/IP
	3G/4G	Optional, built in 3G/4G module (LTE FDD/LTE TDD/WCDMA/TD-SCDMA/GSM/CDMA EVDO/CDMA 1x. Note: this could be different with different module.)
	wifi	Optional, supports Wi-Fi connection and AP
GPS	GPS	Optional module for BDS/GPS/GLONASS, to record location and speed
Firmware	OSD	Display and record time, license ID, officer ID, location, speed
	Overwrite	Supported
	Play back	Support play back, file listed by time and alarm
	Play speed	Support from 1/128 to 128
	Pre-recording/post-recording	Maximum 20S pre-recording and post-recording
	Dewarp	Supports dewarp to make the picture more accurate and realistic
	Safe mode	Need password to enter setting or playback in safe mode
	Record encryption	Supports record encryption, encrypted video can be played in special player
	Log	Record power on/off, setting change, start record, alarm etc
Software	Player	Player software, play multiple cameras together, can also play the encrypted file

	CMSV6	Used for 4G/3G model only, support live view/live tracking/historical track
Upgrade	Firmware maintain	Firmware can be upgrade though USB
Working condition	Temperature	-40 to 60℃
	Humidity	40 to 80%
Other	Time	Synchronize with GPS, internet, PC
	Dual bit stream	Two different bit stream for recording and live streaming via 4G/3G
	Default	Can set to default setting
	Indicator	Power, record, snap, audio record
	Battery capacity	2-piece replaceable battery, 2600mAh each, keep NON-4G device running for about 8h, keep 4G device running for about 4.6H
		Charging time is about 4H
	Backup battery	60mA (optional, keep device running during switch battery or battery run out)
	Size	88.3*59.8*34.4mm
	Wight	About 165g