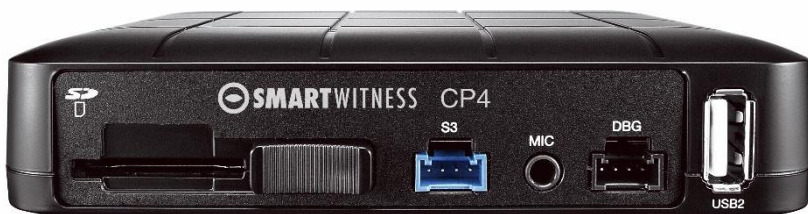




CP4

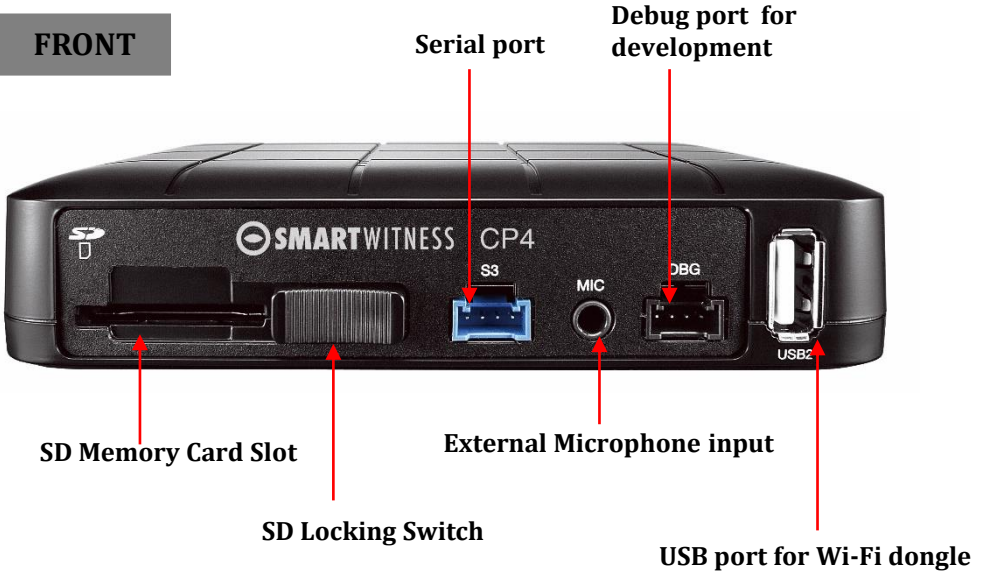
Introduction



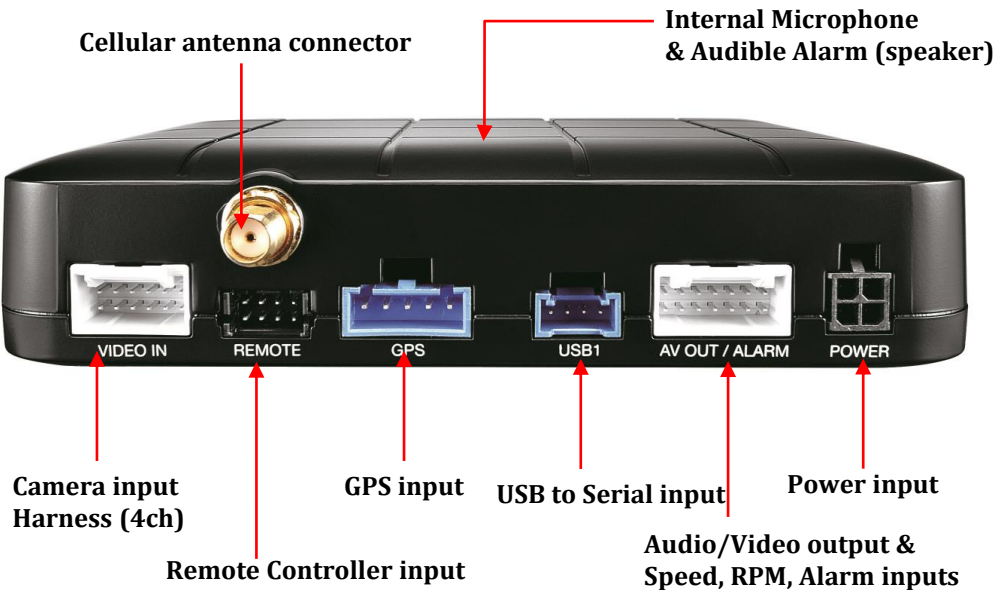
CONFIDENTIAL

Hardware Overview

FRONT

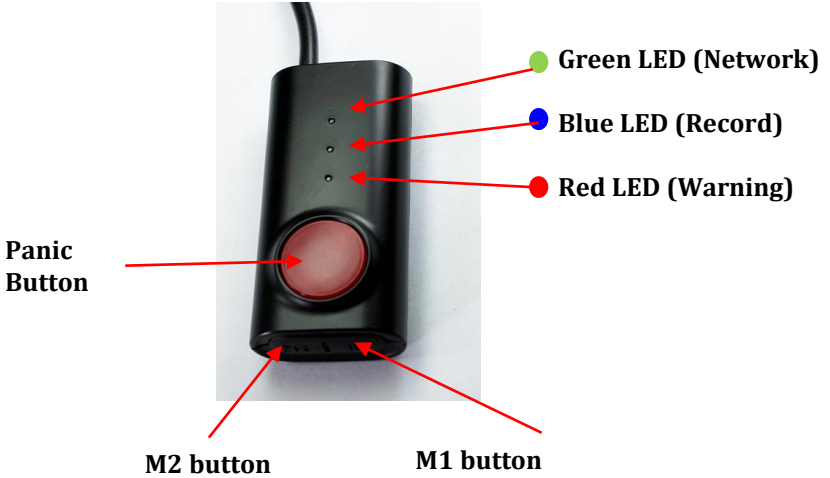


REAR



CONFIDENTIAL

Remote Controller



POWER CABLE

- Black (Ground)
- Red (Power Battery +)
- White (Power ACC +)

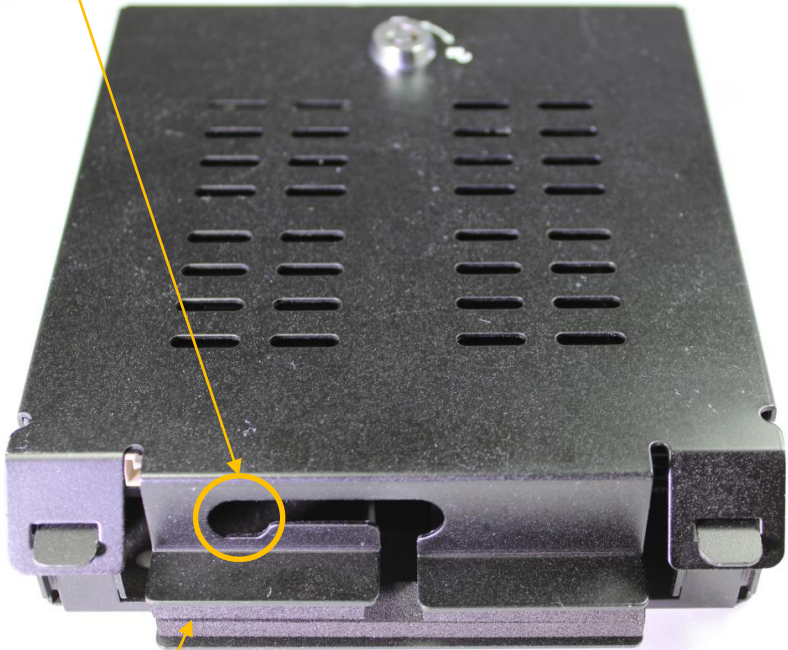
Alarm in/out Cable

- White (Alarm In1, Voltage on/off (3~70V))
- Purple (Alarm In2, Voltage on/off (3~70V))
- Green (Alarm In3, Voltage on/off (3~70V))
- Gray (RPM)
- Blue (Speed)
- Orange (Alarm out1), Low(0V) to High (5V)
- Brown (Alarm out2), Low(0V) to High (5V)
- 3 x Black (Ground)

CONFIDENTIAL

Locking Enclosure (Rear View)

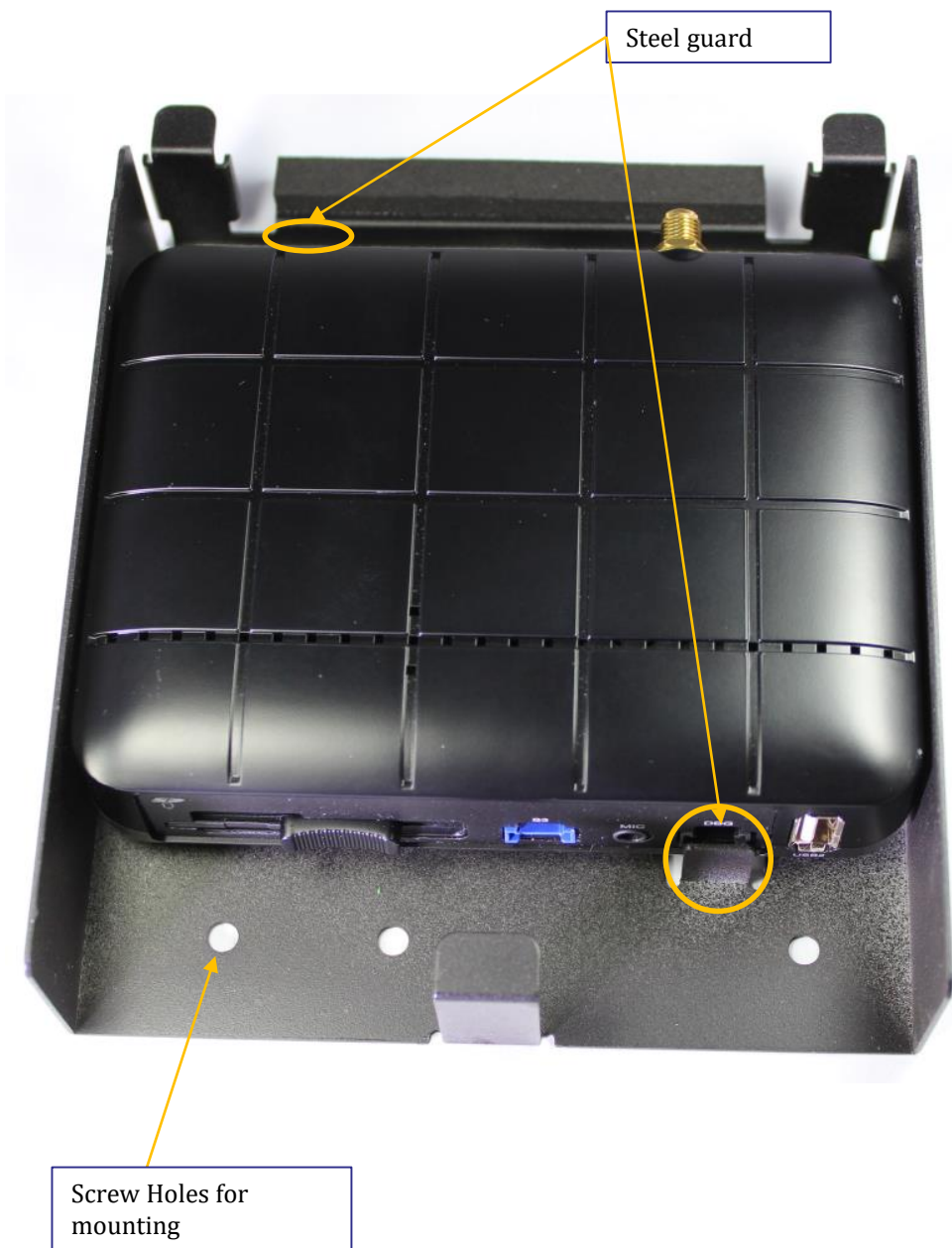
Hole for external
3G/LTE Antenna



Cushion for cables

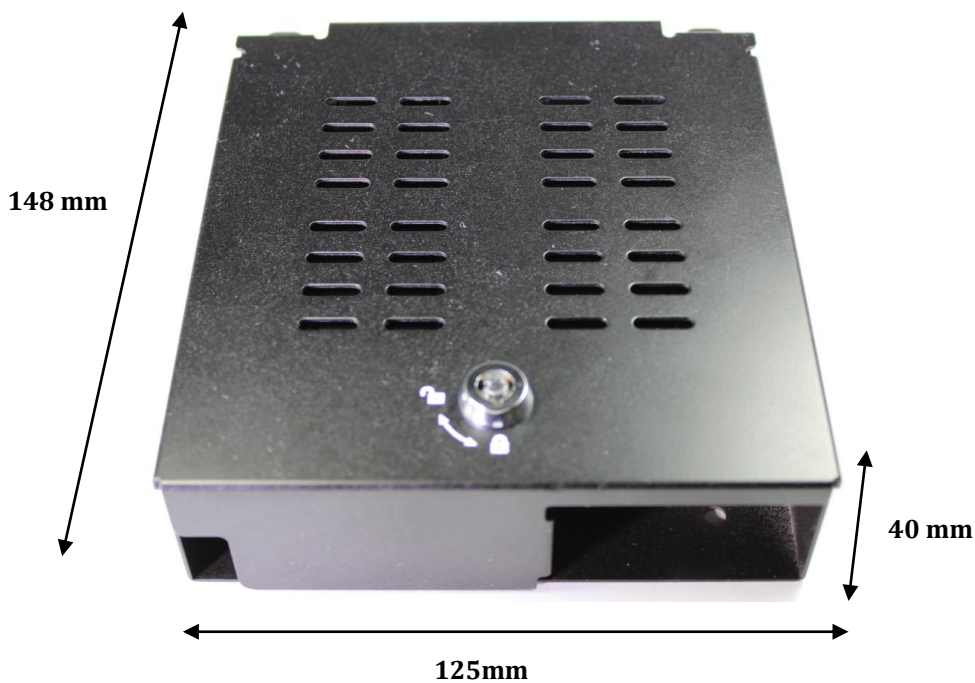
CONFIDENTIAL

Inside



CONFIDENTIAL

Dimensions



Size: 125(W) x 148(D) x 40 (H)

Weight: 400g

CONFIDENTIAL

Technical Specifications

Video In	CH1, CH2: 12V 1080P or 720p AHD camera in CH3: 12V 720P AHD camera in CH4: 12V D1 camera in
Audio In	1CH (Internal or External Microphone)
AV Out	1 Video out, 1 Audio out
Band support	WCDMA Band1(2,100MHz)/ Band8 (900MHz)
Max Data Rate	UL:5.76Mbps, DL : 7.2Mbps
Video resolution	1080p HD (1920x1080), 720P (1280x720), D1(NTSC:720x480, PAL 720x576)
Recording Speed	Full HD: 30fps(25fps), HD: 60fps(50fps) D1: Up to 120 fps (NTSC) or 100fps(PAL)
Recording Mode	Continuous , Event, Dual Mode
Memory	SD Card: 32GB, 64GB(FAT32), 128GB(FAT32)
GPS/GLONASS	External GPS /GLONASS
G-Sensor	Internal 3-axis G-sensor
Gyro	3Axis(X,Y,Z), output rate:100 Hz,
RTC	Internal battery
Alarm In/Out	3 x Alarm In, 2 x Alarm Out
Remote controller	3x LED, Panic button, M1 & M2 button
LED	Green LED (Network), Blue LED (Record), Network (Red LED)
Super Capacitor	Enable recording of last file and shut down
Power input	DC 12V/24V 3A
Delayed Power Shutdown	Supports Delayed Power Shutdown
Power consumption	Max. 36W
Size / Weight	120mm X 28mm X 90mm / 166g
Operation Temp.	-10°C~55°C

CONFIDENTIAL

Recording time table

DRV file size		Reserved space for overwriting	Space for Video / Audio (MB)				
hours	Size		16GB	32GB	64GB	128GB	256GB
24	106.8MB	300 MB	15,593	31,593	63,593	127,593	255,593
168	748 MB		14,952	30,952	62,952	126,952	254,952
240	1068 MB		14,632	30,632	62,632	126,632	254,632
336	1200 MB		14,500	30,500	62,500	126,500	254,500

resolution	quality	fps	16GB	32GB	64GB	128GB
FHD(1080P) 1920x1080	Super	30	5hours	10hours	19hours	39hours
		1	21hours	44hours	90hours	167hours
	High	30	6hours	11hours	23hours	47hours
		1	25hours	52hours	106hours	167hours
	Standard	30	7hours	14hours	29hours	58hours
		1	31hours	63hours	129hours	167hours
HD(720P) 12 80x720	Super	30	9hours	19hours	38hours	76hours
		1	39hours	80hours	163hours	167hours
	High	30	11hours	22hours	45hours	90hours
		1	45hours	93hours	167hours	167hours
	Standard	30	13hours	27hours	55hours	111hours
		1	53hours	110hours	167hours	167hours
D1 720x480	Super	30	13hours	27hours	55hours	111hours
		1	53hours	110hours	167hours	167hours
	High	30	17hours	35hours	71hours	144hours
		1	66hours	136hours	167hours	167hours
	Standard	30	24hours	50hours	101hours	167hours
		1	85hours	167hours	167hours	167hours

All times are approximate.

Actual results may vary depending on a variety of factors on the road.

CONFIDENTIAL

Accessories

Model	Descriptions
<p>CP4-LC</p> 	<p>Locking Steel Housing for CP4 Dimension : 155.00 x 130.00 x 24.00 mm, 330g</p>
<p>CP4-MIC</p> 	<p>External Omni-directional microphone with 8.5 ft. cable</p>
<p>SVA045-A</p> 	<p>1.3Mega-Pixel 1/4" CMOS Sensor, Resolution: 720P, Angle of View: 145° Min. Illumination: 0.5 lux Operating Temperature: -10°C ~ 55°C Input Voltage: DC 12V 31mm(W) x 33.5mm(H) x 25mm(D)</p>
<p>SVA040-A</p> 	<p>1.3Mega-Pixel Sony Exmor CMOS Sensor Resolution: 720P, Angle of View: 145° Min. Illumination: 0.1 lux// IR LED On 0 lux Operating Temperature: -20°C ~ 60°C Input Voltage: DC 12V, 9pcs LEDs 80.5mm(W) x 50.5mm(D) x 61.0mm(H)</p>
<p>SVA035-A</p> 	<p>1.3Mega-Pixel Sony Exmor CMOS Sensor Resolution: 720P, Angle of View: 120° Min. Illumination: 0.1 lux// IR LED On 0 lux Weather-proof Housing (IP69K) Operating Temperature: -20°C ~ 60°C Input Voltage: DC 12V, 12pcs LEDs 59.2mm(W) x 56mm(D) x 62.1mm(H)</p>
<p>SVA033-A</p> 	<p>1.3Mega-Pixel Sony Exmor CMOS Sensor Resolution: 720P, Angle of View: 120° Min. Illumination: 0.1 lux// IR LED On 0 lux Weather-proof Housing (IP66) Operating Temperature: -10°C ~ 55°C Input Voltage: DC 12V, 12pcs LEDs 63.5mm(W) x 57.7mm(D) x 56.00mm(H)</p>

CONFIDENTIAL



www.smartwitness.com