



BSMART Internet of Thing Solutions (b'ITS), designed on a high performance and versatile proprietary BSMART Access Terminal (b'AT) architecture and BSMART Management Console (b'MC) software platform, provides a wireless communications and positioning system designed for the collection and dissemination of data, with feasible applications including:

- Commercial vehicles for in-transit visibility, routine automation, fraud prevention as well as goods and vehicle safety
- Private vehicles for in-vehicle information services, emergency assistance, security and safety, navigation and entertainment needs.
- Public vehicles Telematics for driver behavior monitoring as well as maintenance cost control
- Institutional vehicles Telematics for fleet maintenance reminder and validation as well as driver behavior monitoring.

BSMART Service Delivery Offering

Research & Consultancy



BSMART is a leading independent provider of market research and consultancy in the Global Telematics Services Industry.

Design & Development



BSMART focused on technology and development for more than 20 years on our core strengths in our business.

Implementation & Training



With over 100 Developers to provide the best project designs, the resources and the expertise to make your Telematics Services business a success.

Operation & Optimization



Project Management Plan (PMP). Business Operations Management Methodology. Strategic Business Planning Methodology. Business Process Design Methodology.

Support & Maintenance



A complete outsourcing model bundled with all Hardware and Software Infrastructures, Support, Maintenance & Upgrade Provision.

Awards, Recognitions, Rewards, Quality Assurance & Certification

Awards

- 2020 URA RECTS contract extension
- 2020 launch of RECDTS Phase 1
- 2020 Winner of LATRA VTS maintenance
- 2020 Winner of APAD PMHS maintenance
- 2019 Awarded Frost & Sullivan Best Practice Cargo Tracking
- 2019 Winner of KRA RECTS Phase 2
- 2019 Implementation of ICTS Phase 3
- 2019 Implementation of RECTS Extension DRC
- 2019 Frost and Sullivan Best Practices Award – Malaysia Cargo Tracking System Provider of the Year
- 2018 Implementation of ICTS Phase 2
- 2017 Implementation of ICTS Pilot
- 2017 SUMATRA VTS device
- 2016 Winner of URA RECTS
- 2016 Winner of SUMATRA VTS
- 2013 Winner of URA ECTS
- 2013 Winner of SPAD PMHS
- 2010 MSC Malaysia APICTA – Best e-Logistics Award
- 2010 APICTA – Best e-Logistics Merit Award

- Member of ARTIFICIAL INTELLIGENCE FOR SMEs (AI4S)
- 2009 Winner of Deloitte Technology Fast 500 Asia Pacific Program
- 2009 Top 2 Nominees of Ernst & Young Technology Entrepreneur
- 2008 Winner of Deloitte Technology Fast 500 Asia Pacific Program
- 2008 MSC Malaysia APICTA – Best e-Logistics Award
- 2007 Business of The Year Award – Emerging Company
- 2006 Winner of Malaysia Good Design Mark Award
- 2005 Winner of Merit Award for Best Young Asian Supply Chain Solution Provider Award for SCM Logistics Excellence Awards
- 2005 MSC Malaysia APICTA – Best Communication Application
- 2005 IPTA R&D expo competition Gold Medal Award
- 2005 Gold Medal for British Invention of International Award

- iButton Authorized Solutions Developer
- International Product Certifications: Malaysia, South Africa, Indonesia, Oman, Abu Dhabi & etc
- ACE Assurance Global Product Liability Coverage up to RM1,000,000.00
- R&D initially is funded by MOSTI (Ministry of Science, Technology & Innovation) under Industrial Grant Scheme (IGS)
- Commercialization is subsequently funded by MTDC (Malaysian Technology Development Corporation) under CRDF Fund
- 2nd generation development is funded by MDC (MSC Development Corporation) under MGS Fund
- 13 Patents Filed
- 5 Local and International Certification Awarded
- Operate 10 Monitoring Centres

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Distributor:

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www.bsmart-solutions.com

BSMART SYSTEM SOLUTIONS (1062538-P)

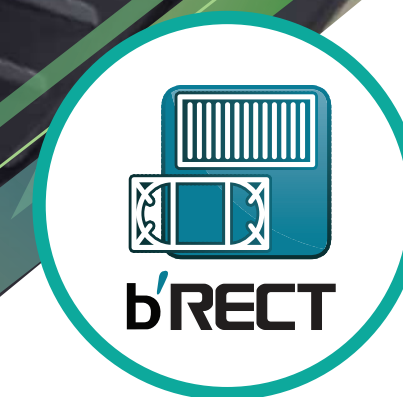
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**BSMART
Body Camera
(BBC)**

Green Telematics

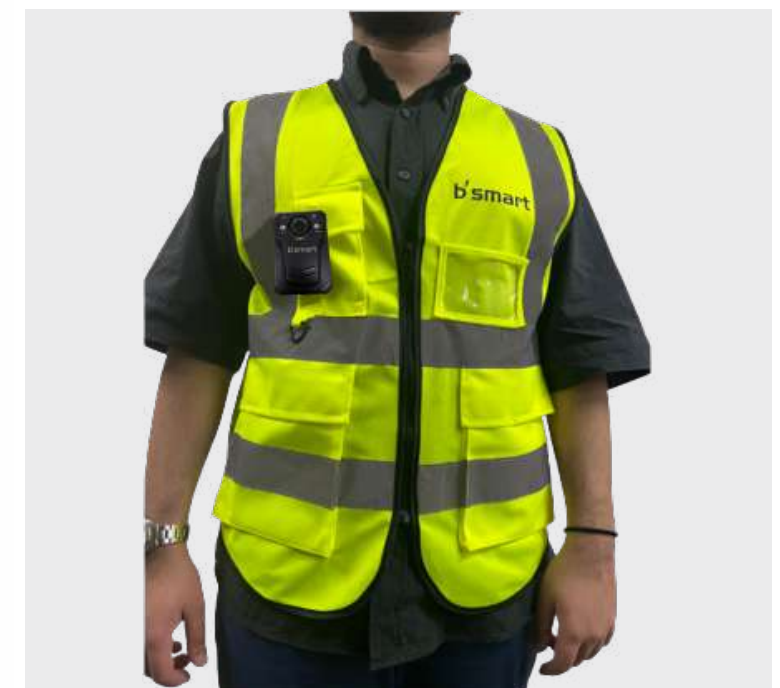
BSMART Body Camera (b'BC)

The BSMART Body Camera (b'BC) has many process technologies such as GPS, photography, video, audio recording. Battery operation can stand for 10 hrs. Charging time is about 4h. The body cameras are the portable devices that can record video and audio. The devices can also transmit live video and audio through 3G or 4G, do live tracking with GPS. The devices have a TFT monitor and buttons on it and user can operate the device easily.



Main Features

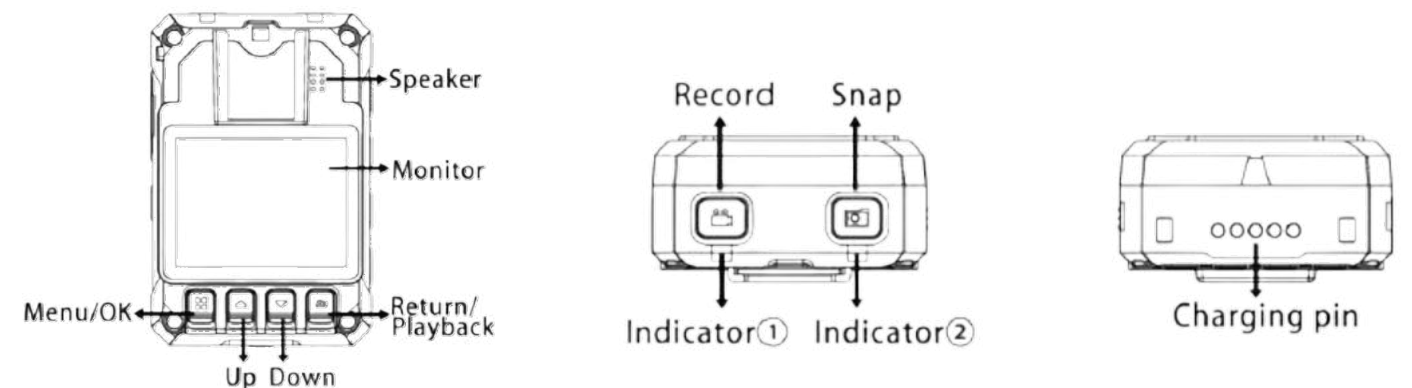
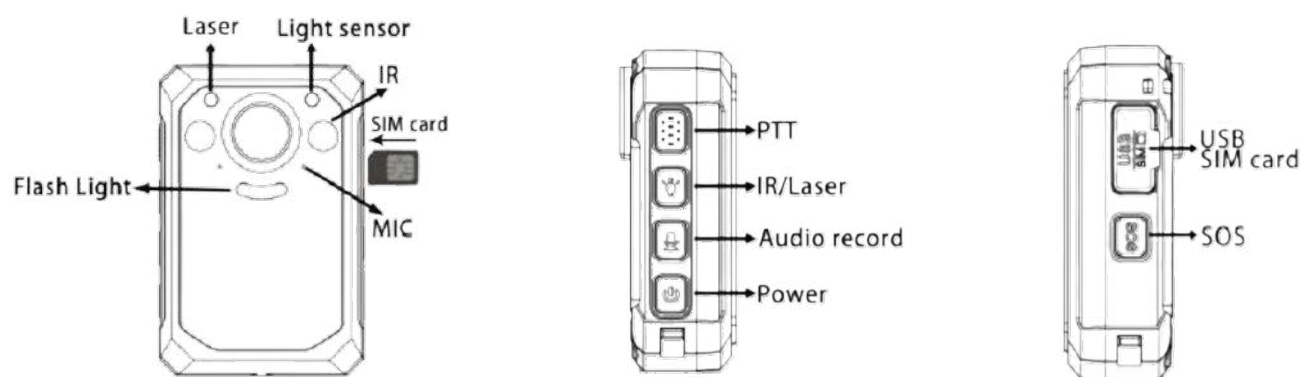
- The device is in compact size and suitable for portable use of recording.
- User can get live video and audio through 3G, 4G or WiFi (Optional).
- User can get live tracking of the device through built-in GPS in the device. The GPS data will also be recorded into the record file with audio and video, so user can get the location information in the record file.
- Use lithium battery for power supply. Device can be recording continuously for 10 hours.
- Built-in 32G storage space. (32G~128G optional storage space)
- Built-in 5 million pixel cameras, support recording at 1512P, 1440P, 1296P or 1080P resolution, support taking picture with 64M, 16M and 4M.
- Support IR. Support recording at night.
- Record file name have information on date, time, record type, which make it easier for searching.
- User can explore, search and playback the files on the device.
- Support panic button. The panic button alarm can be sent to control center through 3G/4G.
- Record encryption makes the evidence more safe.



Specifications

OS	OS	Linux 4.9.110
	Booting time	< 8s
	Language	English
Video	Video input	1x digital built-in camera Available for external camera
	Video output	2-inch LCD screen
	Recording resolution	1080P/ 1296P/ 1440P/ 1512P
	Frame rate	30 fps@ (1080P/1296P/1512P) / 25 fps@ 1512P
	Record mode	Record audio and video at the same time
	Compression	H.264 / H.265
Audio	Audio input	1x MIC input, support intercom connection with USB
	Compression	PCM
	Audio record	Support audio recording
Video Process	Live video resolution	720P/ 1080P/ 1296P/ 1440P/ 1512P
	Photograph	4M, 16M, 64M
	Snap	Support snapping during record (the photo resolution base in recording)
	Storage	Built-in 32GB TF card (available for 32 - 128GB)

Light Source	Flashlight	To increase brightness when your recording or taking a photo
	Laser	Fix the view you record
	IR	Up to 10 meters with visible shape image at night
Two Way Radio	Talk back	Support two-way radio between different devices (only for 4G/ 3G device)
	Talk back in platform	Support two-way radio between device and platform (only for 4G/ 3G device)
Lens	Len's angle	> 115
Alarm	Alarm input	Support alarm input and the alarm can be show in platform
Interface	USB	1x USB; for charging, communication with PC, upgrade OS,connect external camera etc.
Network	Protocol	TCP/ IP
	3G/4G	Optional: built-in 3G/4G module (HSUPA/ HSDPA/ WCDMA/ EVDO/ TD-SCDMA/ FDD-LTE/ TDD-LTE)
	Wi-Fi	Optional support Wi-Fi connection and AP
GPS	GPS	Optional module for BDS/ GPS/ GLONASS; to record location and speed



Specifications

Firmware	OSD	Display and record time, license ID, officer ID, location, speed
	Overwrite	Support
	Playback	Support Playback, file listed by time and alarm
	Play speed	Support from 1/128 to 128
	Pre-recording/ post-recording	Maximum 10s pre-recording and 20s post-recording
	Dewarp	Support dewarp to make the picture more accurate and realistic
	Safe mode	Need password to enter Setting or Playback in Safe mode
	Record encryption	Support record encryption, encrypted video can be played in special player
	Log	Record power on/off, setting change, start record, alarm etc.
Software	hplayer	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 maintains	Firmware can be upgrade through USB
Working	Temperature	-40 - 60C
Condition	Humidity	40% ~ 80%
Other	Time	Synchronize with GPS, Internet, PC
	Dual bit stream	Two different bit stream for recording and live streaming
	Default	Can set to default setting
	Indicator	Power; Record; Snap; Audio record
	Battery capacity	3600mAh non-replaceable battery, keep NON-4G device recording for about 12 hours; keep 4G device recording for about 10 hours; charging time is about 4 hours
	Waterproof	IP68
	Size	83.2*54.8*29.8mm
	Weight	About 125g

