

## HBB-1000WN/WG

### Image



### Technical Specifications

Specification	HBB-1000WN	HBB-1000WG	Remarks
GPS	None	Built-in	Optional
Camera	WDR CMOS Camera		WDR (Wide Dynamic Range) Backlight Correction Function
Resolution	300,000 pixels 640 X 480 (VGA) 30FPS		FPS (Frame Per Second)
Video Compression	H.264		FPS (Frame Per Second)
Recording Angle	120 degrees (diagonal)		Possible to record the front and inside of the car
Sensor	built-in 3 axis acceleration sensor		Detect impacts, sudden stop, acceleration and rotation
Recording Type	Constant Recording		Constant recording while operating Black box
	Event Recording		Detect event by a 3 axis acceleration sensor Recording in 15 seconds before and after event (Total 30 seconds)
	Emergency Recording		Recording by pressing the REC button by the user Record 3 minutes after pressing the button
Storage	Micro SD Card Support Capacity : 2GB-32GB		Support SDHC Offer SD Card
Recording Time	2GB : 1hr 30mins 4GB : 3hrs 8GB : 6hrs 16GB : 12hrs 32GB : 24hrs(approximately)		In condition of constant recording
Audio Recording	Built-in microphone		ON/OFF
Voice Information	Built-in speaker		Mute ⇄ Melody ⇄ English
Operating Power	DC12V ~ DC24V		Use the vehicle power
Operating Temperature	-20°C ~ +70°C		
Operating Humidity	20% ~ 80%		
Storage Temperature	-30°C ~ +85°C		

### Key Features

- 300,000Pixels CMOS Sensor
- WDR (Wide Dynamic Range)
- Constant / Event / Emergency Recording
- Micro SD Card
- Memory Card Format
- Sequential Deletion of Old Images
- Audio Recording
- Voice Information
- 3 axis acceleration sensor

### Ordering Number

- HBB-1000WN-4 : 4GB Micro SD Card,
- HBB-1000WN-8 : 8GB Micro SD Card
- HBB-1000WG-4 : 4GB Micro SD Card, GPS
- HBB-1000WG-8 : 8GB Micro SD Card, GPS

### Dimensions

Unit : mm

