

# IVS-100-BT

Vehicle Fleet Management System

**New**

## Features

- ◆ Intel® Atom® E3826 1.46 GHz CPU
- ◆ Powered by Windows® Embedded Standard 7
- ◆ Support 2.5" SATA 3Gb/s SSD
- ◆ Built-in GPS function
- ◆ Built-in VGA output and HDMI output
- ◆ Dual SIM slot
- ◆ Optional 3G/Wi-Fi/UHF reader module
- ◆ Optional video compression software support



## Specifications

Model Name		IVS-100-BT
Chassis	Color	Blue C + Silver
	Dimensions (WxHxD) (mm)	200 x 150 x 76
	System Fan	Fanless
	Chassis Construction	Extruded aluminum alloy
Motherboard	CPU	Intel® Atom™ processor E3826 (dual-core, 1.46 GHz, 7W)
	Chipset	SoC
	System Memory	2 x 204-pin DDR3 SO-DIMM slot, Pre-installed one 2 GB DDR3 SO-DIMM
Storage	Hard Drive	1 x 2.5" SATA 6Gb/s HDD/SSD drive bay
	SD Card	1 (support SD 2.0, max. 32 GB)
	mSATA	1 x mSATA (SATA 3Gb/s)
Communication	WLAN	PCIe Mini Wi-Fi 802.11b/g/n 1T1R (optional)
	Bluetooth	Bluetooth 2.0 (combo with WWAN)
	WWAN	PCIe Mini, WCDMA/HSDPA/HSUPA (optional)
	RFID	UHF module, 902 MHz ~ 928 MHz operating band (optional)
	GPS	Yes
I/O Interfaces	USB 3.0	2
	USB 2.0	4
	Ethernet	2 x 10/100/1000 RJ-45 PCIe by GbE RTL8111E
	RS-232/422/485	2 x DB-9 RS-232, 4 x RS-422/485 (DB-15 with GPIO)
	Digital I/O	4-ch digital input/4-ch digital output
	CAN-bus/OBD-II	1 x DB-9 CAN-bus/OBD-II
	Display	1 x VGA, 1 x HDMI
	Resolution	HDMI: Up to 1920 x 1080 @ 60 Hz, VGA: Up to 2560 x 1600 @ 60 Hz
	Audio	1 x Line in, 1 x Line out
	SIM	2
	Antenna	2 x Wi-Fi/BT, 1 x WWAN, 1 x GPS, 4 x UHF
	Other	4-channel SC video capture card (optional)
Expansions	PCI	1
	PCIe Mini	1 for WWAN module, 1 for Wi-Fi module, 1 for capture module, 1 reserved
Power	Power Input	Cigarette lighter power cable, DC 9 V~30 V
Reliability	Mounting	VESA 100x100
	Operating Temperature	-20°C ~ 60°C with air flow
	Storage Temperature	-30°C ~ 70°C
	Humidity	5% ~ 95%, non-condensing
	Operating Shock	Half-sine wave shock 5G, 11ms, 3 shocks per axis
	Operating Vibration	MIL-STD-810F 514.5C-2 (with SSD)
	Weight (Net/Gross)	2.1 kg/3.6 kg
Safety/EMC	CE/FCC/E-Mark	
OS	Supported OS	Microsoft® Windows® Embedded 8, Microsoft® Windows® Embedded Standard 7 E

## Ordering Information

Part No.	Description
IVS-100-BT-R10	In-vehicle PC box with Intel® Atom™ processor E3826, 2 GB SDRAM, GbE, GPS, RoHS