

7" Compact Android Panel PC for Commercial Fleets.



iVC-A1-SVT7

Versatile All-in-one Solution for Navigation,
Fleet Management and Asset Tracking in Commercial Fleets.



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iVC-A1-SVT7 is a multi-function panel PC for designed for in-vehicle applications in the fields of Infotainment, fleet management, navigation and network computing. It has a state-of-the art 7" touchscreen equipped with multi-touch technology. Sleek and fanless design, it has a total weight under 1 kilogram. It has mounting holes which are VESA75 compliant and can be installed in vehicles with constraint space with the use of RAM mount kits.

Powered by Freescale i.MX 6DL Cortex-A9 with Android OS 4.2, iVC-A1-SVT7 provides a user-friendly interface that allows users to customize their way to connect other mobile device with ease. Advanced GPS and 3G module allow seamless communication and precise information transmission between the driver and back center. With iVC-A1-SVT7 come vehicle fleet tracking, reliable communication and driver console - all available in a single platform.



Let's Drive

APPLICATION SCENARIO



Versatile All-in-one Solution for Navigation, Fleet Management and Asset Tracking in Commercial Fleets.



FEATURES INCLUDE



Unprecedented ease for access of multiple mobile devices via one-piece solution.

iVC-A1-SVT7 is equipped with multiple interfaces such as LAN, USB, RS 232 and an onboard Micro SD socket. It offers flexibility to extend extra electrical devices in the vehicle. With special programmable digital inputs and outputs, users can control devices and read signals coming from generic external equipment.



Advanced navigation with GPS supporting Dead Recognition.

iVC-A1-SVT7 provides Dead Recognition(DR) capabilities to compensate for the limitation of GPS technology. This help user to get correct and real time information of navigation even when the satellite signal is interrupted. The real time GPS vehicle tracking and positioning is assured by the high performance GPS U-Blox 6 receiver with 50 channels. That is, with iVC-A1-SVT7, you could benefit from greater location accuracy and precise performance metrics.

Towards A Better



Reliable and real time communication with back center.

This system transmits real time data to the main operation center at specified time intervals via GPRS connectivity. The data makes it possible to locate the vehicle and determine its speed and mileage. Tracking of vehicles can be done simultaneously so that driver violations and faults are determined easily and passenger complaints are considerably minimized.



Higher C/P value for third-party to develop and customize their own software.

iVC-A1-SVT7 adopts Freescale i.MX 6DL Cortex-A9 with Android OS 4.2. Compared with its last generation counterparts, Freescale i.MX 6 comes complete with production-ready software, an optimized OS and a system-validated board support package (BSP), which ensures programmer to have more resources but requires lower cost to customize their own software to fit end user's needs.

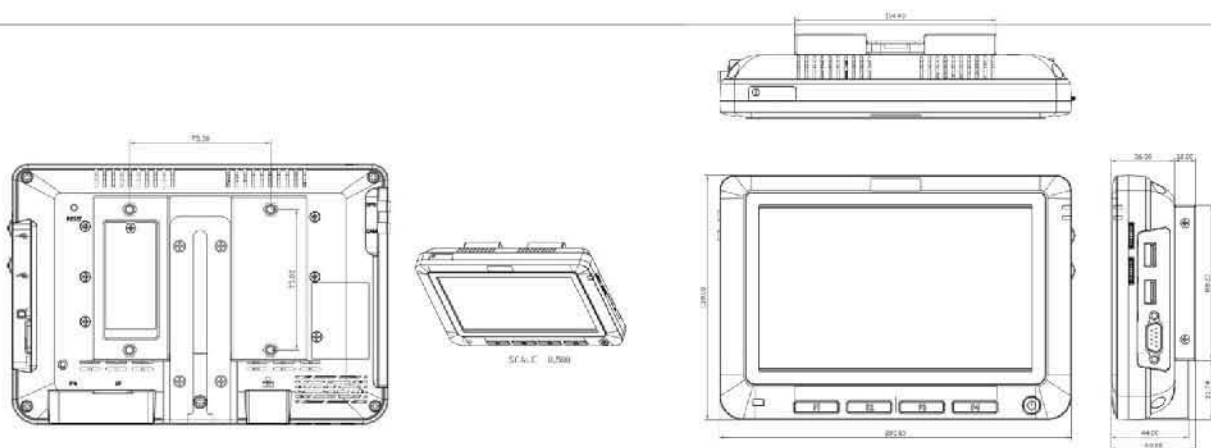


IO INTERFACE



Future! Versatile All-in-one Solution for Navigation, Fleet Management and Asset Tracking in Commercial Fleets.

DIMENSION



Model Name	Description
iVC-A1-SVT7-DR	AIO MDT with 7" TFT LCD 250 cd/m ² , Freescale iMX6 DL 1.0GHz, 2G DDR3, 8G eMMC, 4-Wire T/S, Ubolx LEA-6R GPS with Dead Reckoning, Android 4.2
iVC-A1-SVT7-M7	AIO MDT with 7" TFT LCD 250 cd/m ² , Freescale iMX6 DL 1.0GHz, 2G DDR3, 8G eMMC, 4-Wire T/S, Ubolx MAX7 GPS, Android 4.2
iVC-A1-IOBOX	IO Extension BOX with RS-232x6, RS-232x1, RS-485x1, USB2.0x2, SPK-Out, Line-in, Dlx8, DOx2, UPS support

SPECIFICATION

Specifications	Items	Description
Display	Display	7" TFT-LCD 1024 × 600 (WSVGA), 250 cd/m2 ,Contrast: 700
	Touch Panel	4-Wire Resistive Type Touch Screen
Computer Platform	CPU	Freescall i.MX 6DL Cortex-A9 @ 1GHz, 512K L2 cache
	OS	Android OS 4.2
		Linux by project base.
Storage	System Memory	Onboard DDR3 1G 1066MHz
	ROM	Onboard Micron 32MB SPI NOR Flash
	Storage	Onboard 8GB w/ eMMC 4.5 support for OS
		Built-in SD Card slot (supports SD2.0, max. 32GB)
Communication	GPS	Onboard u-Blox MAX7, LEA-6R for Dead Reckoning (optional).
		SMA female socket for external GPS antenna
	G-Sensor	Onboard Freescale G-Sensor
	3G	Gemalto EHS5 MiniPCle module (optional).
		SMA female socket for external 3GB antenna
	SIM	Onboard SIM socket; Dual SIM (optional)
System I/O	Wi-Fi	Mini card 802.11 b/g/n module (optional).
		SMA socket for external Wi-Fi antenna (optional)
	Micro SD	Onboard Micro SD socket, Max. 32G Class10
	LAN	X1 10/100 Ethernet with RJ45 port
	USB	X2 USB2.0 with Type-A port
	COM	X1 RS232C with DB-9 port
	Power Switch	Onboard slide switch for power input availability
	Functional Keys	X4 Function-keys; X1 LCD backlight On/Off key
	Adjusting Switches	Switches for 5-level brightness/volume adjustment
	Box Connector	Onboard 26-pin for CB(9V~32V)/ACC, DI/DO; IO BOX (optional).
Environment	Speaker	X1 integrated 2W mono speaker
	Operating Temperature	-20 ~ +60 °C
	Storage Temperature	-40 ~ +80 °C
	Operating Humidity	25~85%RH
	Storage Humidity	10~90%RH
	Environmental	Compliant with MIL-STD-810G/JASO D001
	Vibration/Shock	Compliant with MIL-STD-810G/JASO D001
	Certification	Compliant with CE/FCC Class A, ISO-7637-2
Mechanical	Dimensions	200mm(W)×139mm(H)×48mm(D)
	Weight	900gm
	Mounting	VESA 75x75mm

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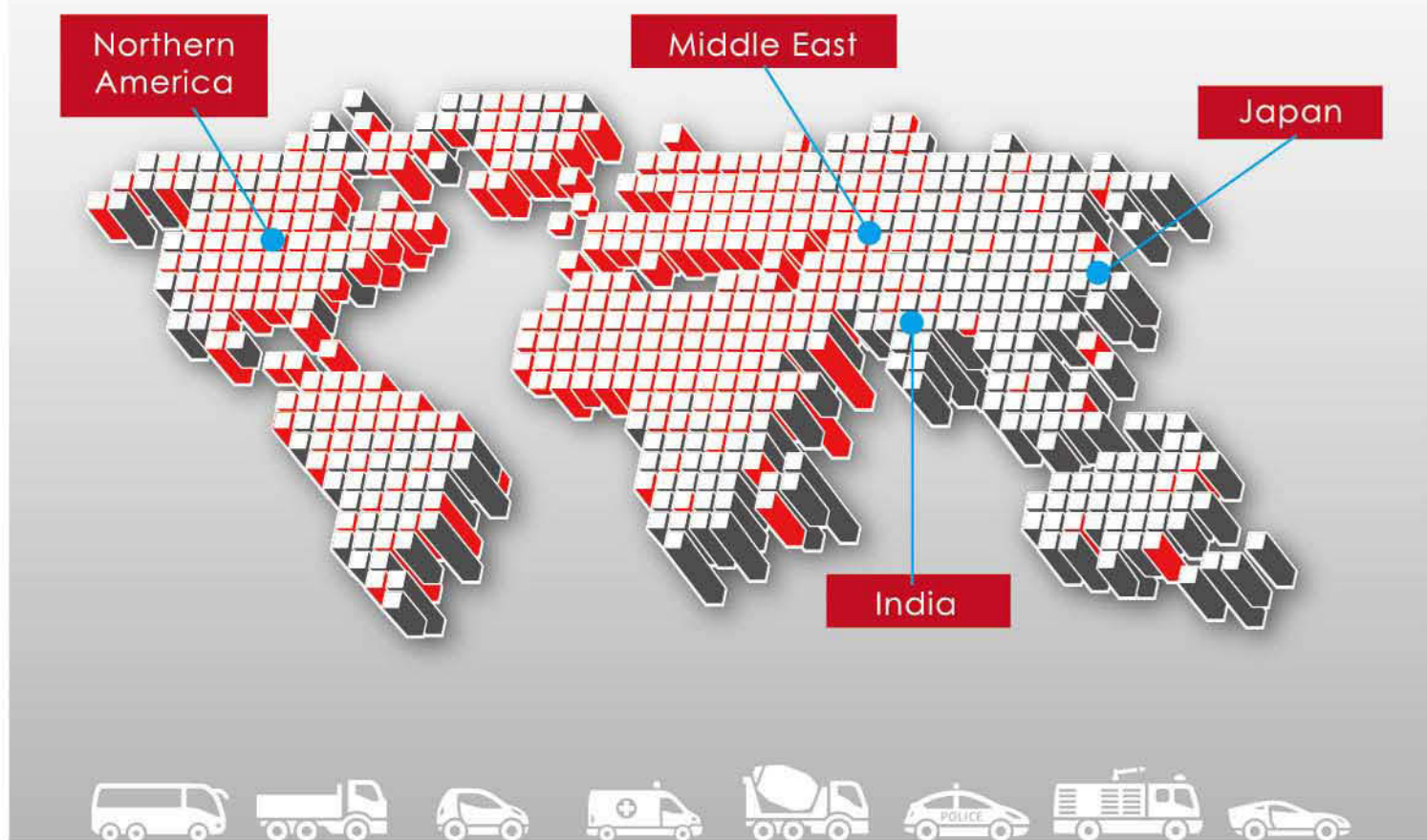
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Business Forward.

More than 3,000 sets of police cars in Northern America use iSAFE mobile computing solution to capture court video evidence.....

About 30,000 units of iSAFE tracker devices are deployed in Middle East for fleet management.....

More than 300 sets of buses and police cars in Japan are installed with iSAFE in-vehicle computers.....

Hundreds of buses in India are ready for upgrading its in-vehicle electrical facilities with iSAFE in-car video systems.....

Now, what are you waiting for?