iSAFE
iSAFE Technology Inc

iVC-7

Ultramate Mobile Data Terminal for In-Vehicle ALPR, Industrial Automation and Surveillance Security Applicaton.

Smart Display Unit	• 8" SVGA 800 × 3(RGB) × 600 TFT-LCD • View Brightness:1000 nits • Contrast Ratio: 500 • Response Time(ms):Ton: 10msec, Toff: 15msec • Backlight/MTBF: LED / 15,000(hrs) • 1x Independent Power button with Dual-Color indicator • 4x Function Dual-Color indicator (Function Disable in Orange) • 2x Speaker volume adjust & • 2x Brightness adjust : Static in Orange • HDB 26pin Male with 1.5M cable length
Computer Platform	• Intel Sandy Bridge with SocketG2 RPGA type processor • 4-core default by i7-2710QE with • 2.1GHz/ 6MB cache • 2-core default by i5-2510E • 2.5GHz/ 3MB cache • MS Windows 7 or Embedded version
Memory	• 1 x DDR3 SODIMM supports DDR3 • 1066/ 1333 up to 8GB capacity • Default by 4GB wide temperature memory
Communication	• WLAN/ 3.5G/ GPS • 1 x RJ45 LAN port

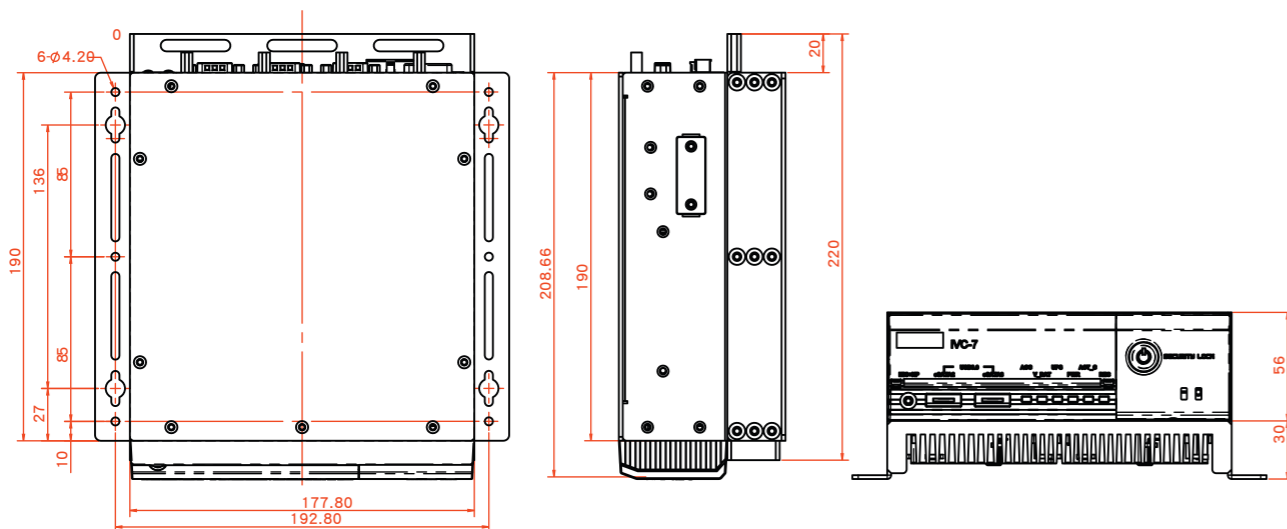|	
Data Collection	• Software compression by internal add-on module
4 x CH D1 OR	• 720 x 576 video-in resolution • External cable support 4 x BNC and 4 x Audio connectors • NTSC and PAL supported up to 30FPS
1 x CH HD-SDI	• Supports High Definition SDI camera • Up to 1920 x 1080P video-in resolution
Display	• 1x LVDS Smart Display connector • 1x Combo connector for DisplayPort or HDMI output display • 1x DSub CRT connector
I/O Interface	• 1x RS232 and 1xRS232/422 /485 (BIOS) • 2x USB2.0, 4x Digital I/O (input w/ isolation), 1x CAN Bus
Power	8~30V
Environment	• Operating Temp.: -20 ~ +60°C • Storage Temp.: -30 ~ +80°C • Temperature Shock MIL-STD-810F,Method 503.4, • Vibration: MIL-STD 810F, Method 514.5, • Shock: MIL-STD 810F, Method 514.5, 516.4 • Certification: CE / FCC Class A / E-Mark(Optional)
Dimensions	• 178mm(W) x 205mm(D) x 86mm (H) • 7.01ineh(W) x 8.07ineh(D) x 3.39ineh (H)

Designed for High End CPU and Graphic Performances Demands for Tight In-Vehicle Environment.

1. High Performance i7 Quad Core Intel Sandy Bridge Platform
2. Compact Size and Easy Installation
3. Fulfills Vehicle Grade Wide Temperature and Anti-vibration Design
4. Highly Integrated Design, Including G-sensor, 3G module, WiFi, and Removable HDD/SSD
5. External High Performance Interface, USB 3.0 x 2 and eSATA x 2
6. Smart Power Management
7. Optional UPS Interface
8. Optional Video Capture Card for 4CH D1 or 1CH HD

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Touch Screen | Sunlight Readable | 3G | GPS | Wi-Fi | OBD-II | Camera | Wide working temperature | Anti-vibration

iVC-7

Designed for High CPU and Graphics Performance Demand in tight In-Vehicle Environment.

An advanced and powerful choice for your mobile data computing requirements, iVC-7, mobile data computer comes, equipped with Intel Sandy Bridge Quad Core processor and housed in a rugged MIL-STD810F compact package. This solution is designed with power and flexibility in mind. The design provides the flexibility for the system to be mounted in the trunk of a vehicle or other space constrained areas to give you a cost effective installation method for your mobile platform requirement. This rugged computer perfectly meets the needs of public safety professionals and intelligent traffic system in the environments they face on a day to day basis.

Redundancy Cooling
Dual blower design with logical firmware control for redundancy system cooling.

Various and High Speed External Storage Support
Combo eSATA3.0/2.0 and USB3.0.

Smart Power Management
Backup UPS works when car battery is low or unstable.

Dual Control Systems
Optional 3.5G wireless module for data streaming under OS or tracker function available without OS.

Smart Display
Sunlight readable 8" SVGA LCD, w/ 1000 cd/m2 LED backlight and intelligent adjustable LED Backlight. It's equipped with IP54 front panel protection and RFID for Mifare or ISO 15693 module. It also supports USB.2.0.

MDT for Home-land Security
The powerful system meets military truck Mobile systems requirement. It can be used in various homeland security applications:

MDT for Police, Fire or EMS.
iVC-7 is the best partner for officers doing their daily jobs. It's widely used in :
• Finding stolen cars
• Searching for wanted person,
• Gathering intelligence and analyzing behavior pat-terns
You'll be surprised to learn the benefit that come with it.

MDT for LPR
The system is designed for LPR/ANPR application, LPR/ANPR camera can be roof mounted on a vehicle and can read plates at high speeds, covering single or multiple lanes for the ambulatory applications depending on the types of software and camera used . Optional inputs of IP camera is also doable via RJ45, Giga LAN port to allow high speed video streaming.

MDT for Public Transportation Application
The solution may cover both mobile and fixed environments, including stations, depots and park-and-rides. They help transportation agencies improve passenger and staff safety and respond quickly to emergency situations.

Front Side
• Status LED x6
• 2x Combo USB3.0/ eSATA (2.0,3.0)
• Hidden design for 2.5" HDD/SSD, Power S/W & Fuse
• Hidden removable HDD/SSD w/ vidration absorber x1
• UPS battery (optional)
• Locker

Rear Side
• Antenna x4, GPS/3.5G/WiFi(x2)
• RS232x1+RS232/422/485x1
• 4-CH D1 A/V capture or 1-CH HD-SDI capture
• CAR PWR+UPS
• 4x Digital I/O, w/ioslation
• CAN bus x1
• CRT x1
• Combo DisplayPort/ HDMI x1
• LVDS Smart display x1
• RJ-45 x1 + USB x2