

## Embedded Industrial Automation

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## The New Rugged PowerBrick - DV with dual DVI

### PowerBrick- DV

#### Applications

- Fire trucks - e.g. for mapping, Pre-fire and HAZMAT information access
- Other emergency vehicles
- Cash carriers
- Security and patrol vehicles
- Military vehicles

#### Features

- Intel® Core™ Duo /Core™ 2 Duo processor
- Dual independent DVI/VGA
- 2.5" SATA Hard Driver
- DDR 2 RAM
- 2 x onboard 10/100/1000M lan
- 4 x USB /3 x RS232 port
- Audio Jacks
- 1 x PCMCIA/1 x Compact Flash II
- 802.11 b/g wireless (options)
- GPS/AVL (options)

The PowerBrick - DV is rugged industrial computer for dual independent video for 2 application at the same time. The system is designed to work in emergency vehicles and police command vehicles. One monitor can display map and other can dispatch information.

For public safety providers, the PowerBrick-DV system offers outstanding computing power, similar to a desktop system, while at the same time acting as a tool for incident / evidentiary documentation, surveillance and training.

The rugged and splash-proof Acutouch screen is especially designed for emergency and military vehicles. The screens are easy to use and readable in all lights. The screens are highly resistant to mechanical impact and to contamination from liquids and chemicals. Acura has in-house facilities and a wealth of experience in converting a multitude of screen brands into touch screens.

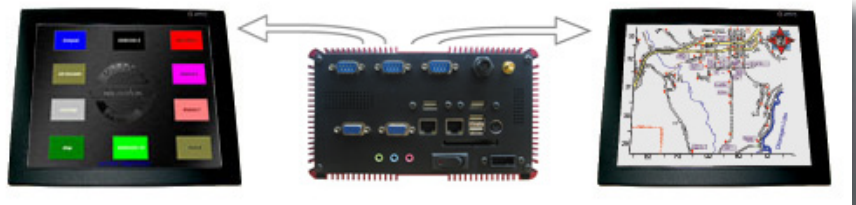
#### ■ Fire Departments

The PowerBrick - DV unit installed in the fire trucks provides quick access to maps as well as HAZMAT databases while at the same time recording live video from inside or outside the vessel.



#### ■ Dual Video

Shown here is the dual video feature of the PowerBrick - DV. With this, multiple tasks can be done and seen simultaneously.



## PowerBrick -



## AcuTouch - 153M



## SPECIFICATIONS

### Processor

Intel® Core™ Duo /Core™ 2 Duo processor

### Front Panel

Power Button

### Back Panel

### Storage Media

80GB 2.5" SATA Hard drive

Serial port

3 x RS232 COM port

### Video

Selectable up to 1600 x 1280

USB port

4 x USB

### Audio

Audio Jacks

### DVI Module

Dual independent DVI/VGA

### Dimensions

Width x Height x Depth

7.60" x 4.35" x 8.15"

### Power

10- 30 Volt DC input

193 mm x 110 mm x 207 mm

**Environmental** - Temperature Range - Powered on: 32° to 140° F (2° to 50° C) Powered off: -4° to 185°F (-20° to 80°C)

Humidity - 20% to 80% non-condensing, Operating altitude

range - 0 to 10,000 feet (0 to 3,050 meters),

### OS Compatibility

Microsoft Window 2000, Win-XP (Professional Embedded, Lite) Red Hat Linux, Embedded Linux

## SPECIFICATIONS

**Pixel Pitch** - (mm) 0.297 (H)x0.297 (V)

**Number of Pixels** - 1024x768

**Contrast Ratio** - 500:1

**Display Color** - 16.7M (8 Bits/Color)

**Brightness** - (CD/m<sup>2</sup>) 250

**Viewing Angle** - (CR > =100) -60~60 (H); -55~45 (V)

**Synchronization Range** - Horizontal 31.5~68 Khz

Vertical 56~75Hz

**Recommended Resolution** - 1024x768@60Hz, 75Hz

**Signal Connector** - 15 pin D-sub

**Power Source** - 10- 30 Volt DC input

**Power Consumption** - 3W typical, normal operation

**Plug & Play** - VESA DDC 1/2B Optional Light sensor model  
Optional Touch Screen, Resistive, Capacitive, Near Field Imaging Drivers,, MS-DOS, PC-DOS Windows 95, 98, ME Windows NT 4.0, 2000, XP, Linux

### DISTRIBUTOR