

## MOBILE DATA COMPUTING SYSTEM



### KEY FEATURES

- 3-Piece Fixed-Mount System
- Compact Footprint
- Open Architecture for Expansion
- 2-Year Standard Warranty
- Intel® Core™ 2 Duo Processor
- 80 GB Solid-State Hard Drive
- Dual 10/100/1000 Base-T Ethernet



### THE L-3 MOBILE DATA COMPUTING SOLUTION

The MV-1 fixed mount computer gives you the flexibility and durability that your agency demands. Provided with Intel Core 2 Duo processor, our solution provides multiple storage and memory options to fit any of your mobile computing needs. The 3-piece design of the MV-1 has the flexibility to be mounted in the trunk of a vehicle or other space-constrained areas, providing you with a rugged, cost-effective deployment solution. The MV-1 computer has been independently tested and certified to withstand the rigors of an extreme automotive application by adhering to MIL-STD-810F environmental standards. Our solution also includes the MobileVU™ sunlight readable display. Designed with a large, high-resolution, full color Active Matrix LCD display, excellent contrast ratio and a durable housing, the MobileVU provides optimum viewing and functionality. The MV-1 mobile data computing system computer makes wheeled vehicle computing safe, secure and reliable.



## MOBILE DATA COMPUTING SYSTEM



### MV-1 Mobile Data Computer

#### FUNCTIONAL

CPU: Intel® Core™ 2 Duo 2.2 GHz Processor  
Hard Disk: 80 GB solid-state internal drive  
Memory: 2 GB, supports up to 4 GB (two DDR2 sockets)  
OS: Windows® XP Professional SP3

#### Interfaces:

- Video – Intel GM 965GME/GMA-X3100,
- Supports CRT and LVDS
- PCMCIA 32-bit CardBus
- Serial – two external RS-232 ports
- Keyboard and Mouse – PS/2
- USB 2.0 – six external ports
- 1394 – one external port, one internal port
- Audio – Intel HD audio line-in, line-out and mic
- Ethernet – two gigabit ports
- Optical – one external port

#### ENVIRONMENTAL

Operating Temperature: -40°C to 70°C  
Storage Temperature: -40°C to 85°C  
Humidity: To 95% non-condensing  
Vibration: 2.48 Gr, 10-1000 Hz  
Shock (Operating): 11ms, 40 G per axis, 10 shocks, three axes

#### ELECTRICAL

Input Voltage: 6.0 to 24.0 VDC  
Power: 1.6 A quiescent @ 13.6 VDC

#### PHYSICAL

Dimensions (Mounting): 9.3" W, 9.5" D, 3.3" H  
Weight: 7.5 lbs

#### OPTIONS

- 2.4 GHz or 2.6 GHz Intel Core Duo processor
- 4 GB RAM
- 32 GB, 64 GB or 80GB solid-state drive
- Extreme Environment Board Ruggedization (EEBR)
- Extended warranty year 3-4-5
- Internal wireless LAN (802.11 A, B, G, N)

### Backlit Keyboard

- 88 key functionality
- 12 function keys
- Integrated backlighting
- Integrated touchpad
- One-touch emergency key
- Water and dust resistant

### MobileVU™ Display

- Real-time applications
- Flexible data source select
- Bright, clear viewability
- High-resolution touch screen
- Auto dimming sensor
- Airbag compatibility

### Mobile-Vision, Inc.

90 Fanny Road  
Boonton, NJ 07005

Tel: 800.336.8475

E-mail: Sales.MVI@L-3com.com

www.Mobile-Vision.com

www.L-3com.com/MV

### MOBILE-VISION VIDEO CAPTURE AND MANAGEMENT SOLUTIONS



In-Car Video



Motorcycle  
Video Capture



Interview Room  
Video



Automatic  
License Plate  
Recognition



Mobile Data  
Computing



Digital Evidence  
Management



communications

Mobile-Vision, Inc.