

DuraVIS™ Series Displays for Mobile Applications

DIGITAL TECHNOLOGIES FOR A BETTER WORLD
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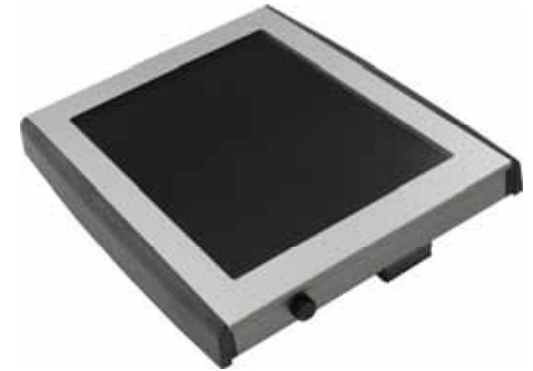
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Typical DuraVIS™ Applications

- Navigation and communication systems
- Vehicle data, status or task data visualization
- Security, surveillance and vision systems
- Asset management
- Vehicle computer MMI
- Information and entertainment



Typical DuraVIS™ User Profiles

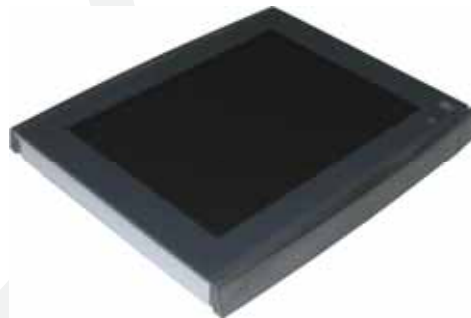
- **Defence and national security**
- **Public safety: Police, frontier guard, customs fire & rescue, first responders and paramedics**
- **Community infrastructure: Energy, waste management, communication, traffic control**
- **Public transportation: Trains, buses, metros**
- **Industrial plants: Oil and gas, mining, agriculture**
- **Communication: Post, courier services**

DuraVIS™ Display Design Philosophy

- Off-the-shelf display for vehicle computing applications
- Different resolutions available in same size display
- Compatible with DuraCOR, DuraNAV and ZyWAN systems
- Custom configurations supported – interfaces and silk print
- Wide operating temperature: -20 to +70°C
- Compliance with EN50155 and CE
- Precision machined aluminum enclosure
- Wide adjustment range backlight 100% -> 5% and OFF
- Internal isolated vehicle-class power supply and monitor
- Enhanced input filtering and protection
- LVDS display interface and optional resistive USB touch screen
- Standard D-type or sealed ODU I/O connectors
- Extended lifetime - 5 to 15 years upon request

DuraVIS™ Advantages – Value Proposition

- Accelerate project completion – standard high quality product
- Protect investment - product lifetime management 5-15 years
- Reduce downtime - extremely rugged construction and extended temperature range "industrial grade" components
- High integration - internal wide input range isolated power supply microprocessor control system and USB host interface
- Reasonable NRE for modifications - architecture supports personalization with custom features and firmware
- Guaranteed compatibility and performance – designed to work with Eurotech DuraCOR, DuraNAV and ZyWAN central units

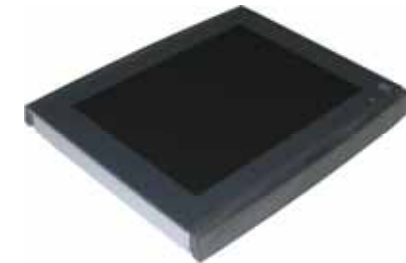
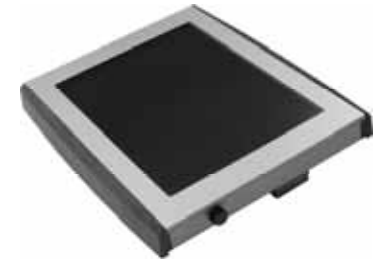


12,1" SVGA
DuraVIS 1200

DuraVIS™ Family Overview

DuraVIS 1200/1201 – 12,1” rugged displays

- Double buffered LVDS interface
- SVGA or XGA, 400cd brightness, 500:1 contrast
- Internal LVDS buffer, USB hub and external port
- Optional USB touchscreen
- Wide backlight adjustment +5% to 100%
- 9-40Vdc supply voltage
- -20 to +70°C operating temperature, IP65



DuraVIS 1500 – 15” rugged display

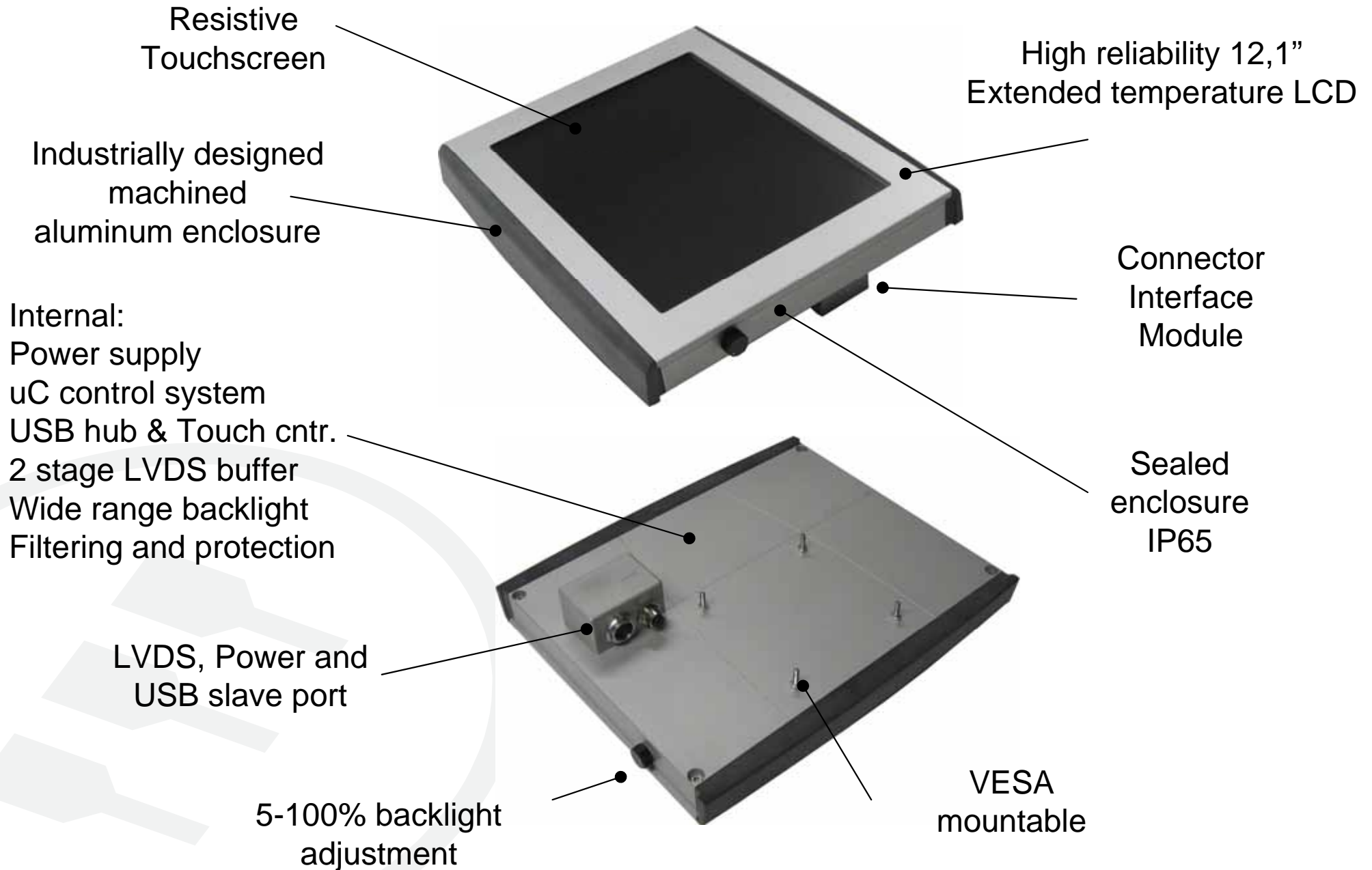
- Double buffered LVDS interface
- 1024 x 7680 XGA resolution 400cd brightness, 500:1 contrast
- Internal LVDS buffer, USB hub and external port
- Wide backlight adjustment +5% to 100%
- 9-40Vdc supply voltage
- -20 to +70°C operating temperature, IP65



DuraVIS available accesories and options

- Analogue CRT display interface units and cables
- High brightness LCD 800-1000cd
- Custom sinkscreen printing – subject to NRE

DuraVIS™ 1201 Display Construction



DuraVIS™ 1200 Display Construction

Hardened optically treated sealed front glass cover

High reliability 12,1" Extended temperature LCD

Sealed enclosure IP65

Internal:
Power supply
uC control system
USB hub
2 stage LVDS buffer
Wide range backlight
Filtering and protection

Industrially designed machined aluminum enclosure

LVDS, Power and USB slave port

5-100% backlight adjustment

VESA mountable

DuraVIS™ 1500 Display Construction

Hardened optically treated sealed front glass cover

High reliability 15" Extended temperature LCD

LVDS, Power and USB slave port

Industrially designed machined aluminum frames

Internal:
Power supply
uC control system
USB hub
2 stage LVDS buffer
Wide range backlight
Filtering and protection

Sealed enclosure IP65

5-100% backlight adjustment

VESA mountable

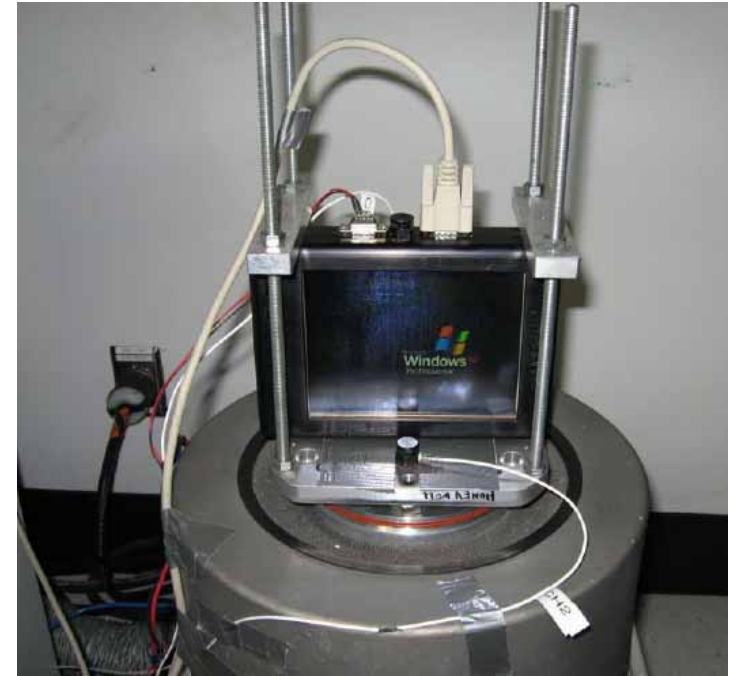
DuraVIS™ Intelligent Control System

- **Microcontroller based control system**
- **USB 1.1 host interface**
- **4 port USB hub connecting:**
 - **Optional touch screen**
 - **Internal microcontroller**
 - **External USB port**
 - **Optional internal uDOC mass storage memory**
- **Microcontroller, temperature and display status can be interrogated**
- **Backlight control and adjustment**
- **Temperature monitoring and protection -20 to +70°C**
- **Power sequencing and initialization of LVDS and USB**
- **Electronic serial number in EEPROM**
- **Soft start of display backlight upon power-up**
- **Optional internal USB1.1 mass storage device**

PRELIMINARY INFORMATION

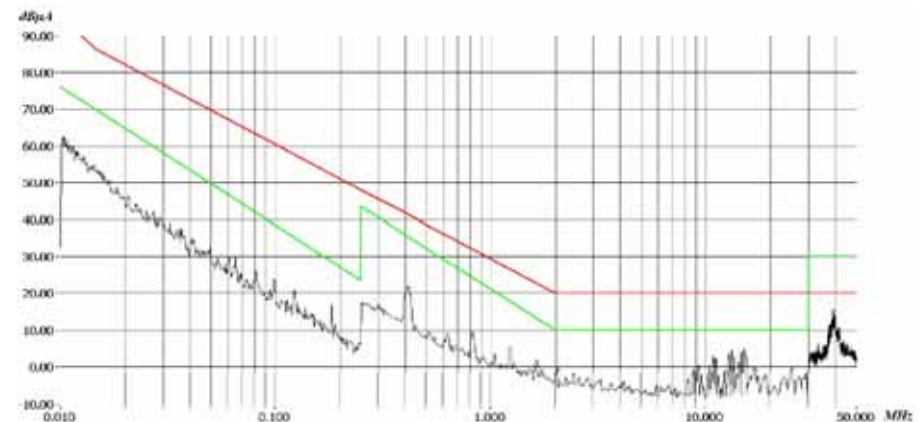
DuraVIS™ Certification and Compliance

- ISO 9000:2001 Quality program
- MIL-STD-810F Environmental and Shock and Vibration
- MIL-STD-704 Avionics EMC
- MIL-STD-1275 Military vehicle EMC
- MIL-STD-461 Generic Military EMC
- EN50155, CE Mobile system EMC environmental



Eurotech path to compliance

- Experience in electronic and mechanical design
- Optimal EMI implementation
- Internal pre-compliance testing
- Accredited compliance certification
- Production quality control procedures



Vehicle Logic Units - Overview

- **DuraCOR**

- Rugged X86 central units



- **DuraNAV**

- Rugged PXA270 central units



- **ZyWAN**

- Application ready Linux/Java wireless



- **Application specific**

- Various vehicle computers



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Contact Information

The screenshot displays the EuroTech Group website. At the top left is the EuroTech Group logo with the tagline "DIGITAL TECHNOLOGIES FOR A BETTER WORLD". To the right of the logo is a search bar and a language selector (A+, A-, X, IT). Below the logo is a navigation menu with links for Home, Contact us, and Sitemap. The main banner features the "Everyware™" logo in white on a blue background. Below the banner is a horizontal navigation bar with three sections: "PROFILE" (with a photo of people), "PRODUCTS" (with a circuit board graphic), and "INVESTOR RELATIONS" (with a photo of people). Below this bar are four content boxes: "Eurotech WorldWide" with a world map, "Markets" with sub-sections for "Transportation, Mobility & Surveillance TMS" and "ICN Industrial, Commercial & Networking", "Products" featuring a "DuraMAR 1000 Router" with an image of the device, and "Latest News" with two news items dated 4/15/2008 and 3/28/2008.