

DDU2



The DDU2 unit is a compact and powerful touch-screen embedded PC designed for use in harsh environments.

It provides display and control functions for the full range of CDL products. It will also run your own applications which CDL can develop for you.

The DDU2 is controlled via an 8.4" 800x600 touch screen display giving a large viewing area and high resolution. The touch screen gives a simple and intuitive user interface. The DDU2 can detect and identify CDL products connected to it, and configure itself accordingly.

The DDU2 features a high-speed PC104 processor running embedded XP from non-volatile flash media. This gives a highly ruggedised and reliable PC with a fast and powerful operating system.

The housing is machined from solid aluminium and hard anodised for maximum corrosion protection. The unit is also 'O' ring sealed against water ingress.

Software for a wide range of applications can be developed by CDL making the DDU2 the ideal OEM product to use at the heart of your own systems.

Features:

- 8.4" Touch-Screen
- Diskless Embedded XP
- RS-232, RS-422, 20mA
- RS-232, RS-422 Out
- Multiple output formats
- Auto-detect devices
- Ideal for OEM use
- Very rugged

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Product Specification:

Operating System:

- Embedded Windows XP running from non volatile flash memory (diskless) PC104 Module
- CPU ESP6000 677 MHz
- System Memory Up to 512 MB SDRAM Display Chipset
- VIA VT8606 TwisterT with integrated Savage4 2D/3D graphics engine Display Memory
- 8/16/32 MB frame buffer using system memory Display
- 8.4" 800 x 600 full colour LCD display with integrated touchscreen Input / Output
- 1 x RS-232 channel on 9-way d-type connector
- 1 x RS-232 / RS422 channel on 9-way d-type connector Umbilical Connections
- 1 x Current loop / 110-240 / 24V on 7 pin Binder
- 1 x RS-422 / 110-240 / 24V on 7 pin Binder

Power supply:

- 110 / 240V @ 25W

Weight:

- 2kg (4.4lb)

Dimensions:

- 240 x 180 x 90mm (9.45 x 7.09 x 3.54")

Note that the following section of the specification refers to the PC104 computer within the DDU. These features are optional extras.

Expansion:

- One PC/104 connector
- I/O 2 x EIDE (Ultra DMA 100), 2 x FDD,
- 1 x LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
- 2 x USB 1.1 ports

Maximum Resolution:

- CRT mode1920 x 1440 @ 16 bpp (60 Hz)
- LCD/Simultaneous mode.....1280 x 1024 @ 16 bpp (60 Hz)
- VGA/LCD InterfaceAGP 4X VGA/LCD interface

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