

Versatile Operator Terminal – NetModule WebT

Operation

- Monochrome or color LCD-display
- Touch screen

Processor

- 32-bit XScale PXA255 @ 400 MHz
- 16 MB Flash
- 32 MB SDRAM
- Low power consumption

Interfaces

- RS 232
- CAN
- PC-Card / CompactFlash
- Ethernet 10/100 BaseT (Option)

Operating System

- OS9

Application

- JPC (Java for Process Control)

Operation & Visualization for Industrial Applications

NetModule WebT is a versatile, cost effective operator terminal developed for industrial applications. It allows implementing complex operation and visualization functionality and combining it with control tasks.

WebT is based on Intel's XScale architecture. These processors provide high processing power at minimal dissipation and are therefore ideally suited for integration into small, closed casings without extra cooling. A mono-chrome or color LCD-display at a resolution of 640 x 480 pixels and a resistive touch screen enable a powerful operation. RS232 and CAN are available as interfaces to the process.



NetModule WebT

WebT supports the operating system OS9 incl. Java Virtual Machine. The combination with NetModule's Software Framework JPC (Java for Process Control) represents a powerful platform for the development of Operation, Visualization and Remote Control systems.

NetModule WebT - Technical Data	
Processor System	32-bit XScale PXA255 @ 400 MHz Integrated LCD controller 16 MBytes Flash 32 MBytes SDRAM
Interfaces	RS232 CAN PCMCIA or CompactFlash Ethernet 10/100BaseT via RJ45 (Option)
Display	7.4", monochrome, VGA 640x480, FSTN (Film Super Twisted Nematic) or 7.4", color, VGA 640x480, TFT (Thin Film Transistor)
Touch Screen	4-Wire, analog resistive
Power Supply	24V DC
Power Consumption	Processor board 3 W Display, typ. 0.35 W Back light, typ. 1.75 W
Temperature Range	0°C to 50°C operation -20°C to 70°C storage
Vibration	20-60Hz, 0.5mm
EMC	EN50081-1, EN50082-1
Models	Casing (266 x 208 x 50 mm)

Operating Systems	
OS9	Full-featured pJava 3.1 Java-interfaces to the hardware (javax.com) Web browser

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