

## Robust operator interface and controller



This industrial terminal is a unique alternative to the use of PC's in harsh industrial environments. It combines an operator interface with serial communication lines and digital in-and outputs.

The terminal can be programmed for a stand alone application or it connects to any UNIX,AS400 or PC with its ethernet interface.

The embedded TCP/IP stack supports all the standard protocols.

When used as a Telnet client, the application running in the server has full control of the keyboard, display,

serial lines and in- and outputs.

Our unique .command-file-printing. does all the hard work for controlling label- or inkjet printers. Used as FTP client, any label can be selected in the network from the terminal.

### Hardware features:

- Internal 4x40 Vacuum Fluorescent Display for good visibility and low temperature environments
- Vandal proof 4x4 internal keyboard
- 4 serial lines
- 8 digital inputs
- 8 digital outputs
- Alarm lights / Beeper

### Software library:

- VT100 Telnet client
- FTP server and client
- XML server and client
- HTTP web server
- LPR-, FTP-, and RAW-printing on any serial port

### Typical Applications :

- Shop floor data collection
- Remote control and monitoring
- Shop floor control
- Time registration
- Remote printing (label/inkjet)...
- Connection to 1D or 2D barcode scanners or imagers



### Distributor:

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## Features

### Physical specifications

Dimensions: 300x150x120  
Weight: 4 Kg  
Case material: Metal

### Enviromental specifications

Operation Temperature: 0 to 50 C / -10 to 50 C  
Storage Temperature: -40 to 70 C  
Humidity: 5-95 % RH, non-condensing  
Protection: IP65

### Electrical specifications

Power: AC 220V/50Hz 0.75 A

### Functionality

Memory: 2 x 256K flash memory, 512K SRAM  
Microprocessor: Z80 compatible, 22,1 Mhz  
Internal 4x20 VFD display, internal keyboard

### Interfaces:

Ethernet interface 10BaseT on Rj45 connector  
Barcode wand TTL input (Code39, Code128)  
8 Inputs /8outputs:  
4 serial communication lines

### Options

RS232 driver card - DRV-RS232  
RS485 driver card - DRV-RS485



## Software

TCP/IP protocols:  
Server: HTTP, FTP, XML  
Client: Telnet VT100/VT220, FTP, XML



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