

Micro Financing Solutions from Manvish eTech



“MiFAUN” as we call it is a complete hand-held computer with 32 bit CPU running Linux o/s (or optional Win CE) and customer defined applications.

“MiFAUN-Micro financing device” is designed for mass deployment which lends itself for remote monitoring, maintenance and application uploading/downloading. This gives complete visibility of all devices on the network to a central web-enabled observer.

MiFAUN Manvish Hand-held computer is designed for everyday use. The compact design allows the user single handed operation, ease of use, and durability.

Using lithium-ion battery, the MANVISH Hand-held provides over 4 hours of operation with inbuilt Recharge unit. Uploading and downloading the collected data is quick and easy via Serial (RS232)/modem, and Optional Wireless Infrared (IR) or Radio frequency (RF) data transmission (Trance receiver). It has inbuilt Barcode Reader, RFID, smart-card and optional Micro Printer interface which is an added advantage for field point-of-event capture.

It is a small compact Hand held Terminal yet very powerful. It is an easily programmable “One Device Many Solutions” for any Industrial application. The ergonomics of design, Manvish Hand-held device’s membrane keypad allows for faster data entry. Large view area with more readable and graphical monochrome LCD, Simple Barcode reader to Scan Barcodes, Ethernet to connect the device to local area network and upload/download data from central server with wireless technology and serial interface to connect to a modem to communicate with a back-end server makes this device rapidly deployable and scalable. All field deployed systems can be monitored form a single central server making it very easy to support post deployment.

The hardware and software features of the device can be customizable as per the requirements of the clients

MANVISH HAND-HELD PORTABLE COMPUTER: DATA SHEET

:: Advantages of Manvish Hand-held device:

- Easy to handle.
- Cost effective.
- Enables Field automation
- Real-time data useful for production planning, logistics and related time sensitive activities
- Multiple Communication options.
- Large monochrome/color Display (Graphic LCD).
- Rechargeable battery.
- Data back up.
- Integrity and Accuracy of data input (error free).
- Aid effective management of resources and inventories.
- Labor savings by avoiding manual system.

:: Technical Specifications

:: General:

Product Type	Hand held Multi-function
Built-in optional device-interfaces	Barcode reader, RFID, Smart card, Biometric Optional in-built/external printer interfaces. It has a built-in Rechargeable battery# <i>(Please note that each of the above devices may be independently or together reside on the same unit as per the customer's request)</i>
Indicators	<ul style="list-style-type: none"> • Low battery • Battery full • Power ON
Casing	Hand-held portable device with cabinet
Width	110mm#
Depth	40mm#
Height	210mm#
Weight	350g may vary with all the added devices incorporated#
Storage Memory	8/16MB expandable to 2 GB.

:: CPU, Operating System and data formats:

CPU	32-bit RISC
Operating System	Default Linux 2.6 / Windows CE (upon request)
Applications	Programmable as per user requirements
Data Format	Flat File with encrypted data
Output data formats	Oracle BDB, CSV, MS-Excel, HTML and text formats etc., are supported

:: Display

Display on Device	3.5" Graphics LCD Screen/Touch screen monochrome/color with back-lit (320x240) (External VGA Monitor option)
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:: Communication

Serial	RS232/USB (can affix printer or modem)
Wireless	GSM/GPRS/WiFi on request
Ethernet	10/100 mbps Ethernet Interface

:: Input Device

Type	Mobile type Keypad (QWERTY/external Keyboard attachment)
Key Qty	28 keys membrane keypad (Mobile type)
Optional	Bar-code/Smart card/RFID

:: Power Supply

Main battery	1 set
Power supply	Through an adaptor cum battery charger.
Technology	Lithium-ion battery cartridge 6hrs operation#

:: Environmental Parameters

Min Operating Temperature	-5° C
Max Operating Temperature	50° C

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What are the benefits to you as a user?

- a. This implies that a high degree of customization with respect cost-volume-features, form factor and applications is possible.
- b. High reliability design and easy maintenance. Design incorporates remote diagnostics and application porting.
- c. Easy replacement.