

BASIC Programmable Ethernet Data Terminal

Introduction:

FAT810 Ethernet Data Terminal is a compact data terminal that communicates with the host over the TCP/IP network. The operator interface includes a 16 X 2 alphanumeric LCD display, a 20-Key programmable keyboard and a card reader input (a magnetic card reader or barcode card reader or RFID reader).

When the **FAT810** is connected to a 10/100 BaseT Ethernet network, it functions like a TCP/IP terminal. The host server can send commands and displayable messages to **FAT810** via network. The user is able to enter data to the keypad or the card reader for transmitting data to the server.

Features:

- ☆ **BASIC programmable embedded technology**
- ☆ **Featuring serial printer port**
- ☆ **4 I/O available for external device connection**
- ☆ **Wall mount or desktop installation available**
- Supports multiple languages
- Elegant compact shape for easy installation
- LCD display to show operation message and keypad key-in
- Buffer mode / non-buffer mode
- 2 display ways on LCD: Digit / Asterisk for keypad key-in

Applications:

- Factory automation terminal
- Shop floor control terminal
- Real time production monitoring system
- Food court POS solution

Specifications:

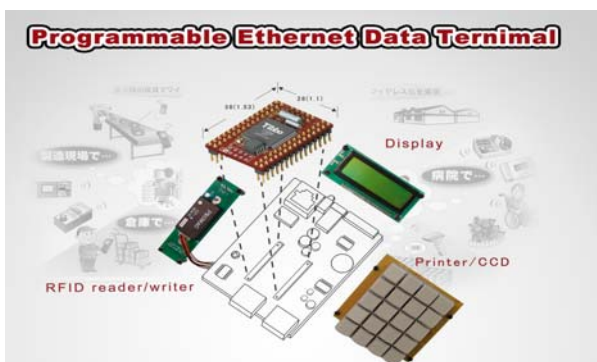
LCD Display	16*2 character LCD display to show operation message and Key-in.
Reading speed (Card reader)	3-50 IPS
Card type	TK2-ABA, Barcode, RFID 125KHz Mifare ISO14443A 13.56MHz FeLiCa NFC ISO 18092 13.56MHz
Interface	10/100 BaseT Ethernet (TCP/IP) RJ45
Data transmission	Buffer mode / non-buffer mode, ASCII
2 display ways on LCD	Digit / Asterisk for keypad key-in
Number of keypad	20 keys programmable
Safety Certificate	FCC / CE
Power consumption	9V
Dimension	W105 X L185 X H55 (mm)
Weight	Approx. 425 grams
Operation temperature	5 ~ 55 degree C.
Humidity	10 ~ 90% relative

Ordering information:

- [FAT810M](#) – Magnetic Stripe, TK2
- [FAT810B](#) – Barcode reader. LED type
- [FAT810F](#) – Barcode reader, IR type
- [FAT810R](#) – RFID reader by 125Khz
- [FAT810FL](#)- RFID reader by 13.56MHz FeliCa type
- [FAT810W](#)- RFID Reader/Writer 13.56Mhz Mifare

※ Specification is subject to change without notice.

Application notes



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration



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