

AET027 Compact Ethernet Terminal

ACCESS
KEYBOARDS



General Description

The AET027 is a tough, compact operator terminal that connects to the controlling host using TCP/IP over 10 Base-T Ethernet cable infrastructure. To suit the most demanding applications for accurate, fast and reliable keyboard input, the keypad uses ergonomic PC key caps and full-travel Cherry key switch technology. The layout of the keypad is flexible and may be fully customised to meet your exact requirements.

The clear, easy to read display is available in high visibility Vacuum Fluorescent (luminous green characters) or standard liquid Crystal with backlight. Both displays are suitable for use in a wide range of lighting conditions.

Two host-addressable serial ports are provided to enable the connection of data capture equipment or to enable communication with other systems. Power for connected devices is provided to the serial DB9 connectors by the internal power convertor.

Rapid application development for Microsoft Windows™ Developers is provided by Access **ActiveX** control.

Applications

The terminals are designed and manufactured to offer a flexible solution for any teller, airline check-in, financial, back room, retail, test or production application.

For applications that require fewer than 27 key positions blanking tiles can be fitted to redundant keys. Caps can be fitted in place of the tiles to suit future applications.

Mechanical:

Dimension: 190W x 150H x 35Dmm
Display Size: 82W x 33H
Weight: 0.60 Kgs

Approvals:

Safety: UL 1950 /IEC950
RF/EMI: EN 55022 ClassB
FCC Part 15
Subpart B, class A

Environmental:

Storage Temperature: -20°C to 60°C
Operating Temperature: 0°C to 50°C
Relative Humidity 20% to 80% non-condensing

Features

Terminal

- Full Duplex 10 BaseT @ 10 MB/s via standard RJ45 Socket
- Static IP Address
- Telnet support
- 9 to 32 Volt DC input
- Power consumption 2 Watts nominal

Keyboard

- Up to 27 keys
- Industry standard ergonomic design
- Cherry MX Switch 50 Life rated at Million presses per switch
- Steel sub Chassis
- Freely configurable for Single , 2 space 4 space and relegendable keys
- Custom key legend and colour service available.

Display

- 4 lines by 20 characters
- Vacuum Florescent or LCD
- Visible in low light conditions

Enclosure

- Impact Resistant plastic housing.
- Cool white or Granite colour options
- Rugged steel inner chassis
- Multiple mounting options
- Adjustable wall and desk mounting brackets available separately

Interfaces

- Host Port - 10 Base T RJ45 socket
- Dual RS232 Ports - 9-pin male connector with RS232C. Baud Rate 75 to 115K bps. Power out 5V @200mA on pin 9
- Power Input - 2.1mm DC power jack



ACCESS KEYBOARDS Ltd, 18, Suttons Business Park, Reading, Berks. RG6 1AZ, UK.

Tel: +44(0)118 9663333 Fax: +44(0)118 9267281 Email: sales@accesskeyboards.com

Web: www.accesskeyboards.com



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