**TK-735**

**TCP/IP Ethernet LAN Terminal**

**Display**
- Monitor: Standard VGA color monitor. Support 800x600 resolution LCD Analog signal input monitor.
- Color: 16 foreground and 16 background colors.
- Frequency: 31.5KHz or 48.1KHz horizontal frequency.
- Refresh: 70 Hz or 72 Hz vertical retrace.
- Format: Multiple display formats.
- Data lines: 24 x 80/132, 25 x 80/132. On screen, 1st is status line. 26th is label line. 42x80/132,43x80/132. On screen, 44th is label line. Border 16 colors.
- Cursor attributes: Block or Underline, blink, steady or off, 16 colors.
- Line attributes: Double height, double width, combination programmable.
- CRT saver: On/off 30 minutes.

**Emulations**
- WY-120/60, 325, 50+; TV1910+, TV1925; PC TERM; PCG ALPHA; ADDS A2; VT52, VT100, VT 220; Console ANSI

**Communication**
- Two connectors for Ethernet: One is 10BaseT RJ45 connector. One is 10Base2 BNC connector.
- Protocol: TCP/IP
- IP: RFC 791, 815
- IP / 802.3, RFC 894 (Ethernet)
- TELNET: RFC 854, 885, 856, 857
- ICMP: RFC 792
- ARP: RFC 826
- TCP: RFC 793
- UDP: RFC 768

**Printer Server**
- Provide LPD: RFC 1179
- TFTP: RFC 783

**Two serial port connectors**
- Baud rates: 75 to 460K bps.
- Format: 7 or 8 data bits with or without parity, 1 or 2 stop bits.
- Protocol: Handshake: Xon/Xoff, Xpc, and DTR.

**One printer port connector**
- Type: Parallel port on the 25-pin female connector.

**Multiple Host Multiple Sessions**
In 80 or 132 column mode, 8 sessions simultaneously.

**Keyboard**
- Interface: Enhanced PC/AT KB interface.
- Type: Standard PC/AT KB 101/102 keys.
- Function key: 12 programmable function keys.

**Environment**
- Temperature:
  - Operating: 5°C to 40°C
  - Storage: -40°C to 60°C
- Relative Humidity:
  - Operating: 20% to 80% non-condensing
  - Storage: 20% to 80% non-condensing

**Dimensions**
- Terminal box: 33mm x 315mm x 252mm
- Packing:
  - 1 Terminal box/Inner box: 67mm x 362mm x 344mm
  - 5 Inner boxes/Carton: 382mm x 364mm x 358mm

**Weight**
- Inner box: N.W. 2.4 Kgs; G.W. 3.0 Kgs
- Carton: N.W. 15.0 Kgs; G.W. 16.0 Kgs

**Regulatory Compliance**
- Emissions FCC Class A, UL, CE, C-TICK.

**Power Requirement**
- 98 - 264 Vac at 47 - 63 Hz
In Econ-80 column mode, 12 sessions simultaneously.

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