TK-725 TCP/IP Ethernet LAN Terminal

An Ethernet TCP/IP terminal for UNIX networking environment, supports for SCO UNIX/Xenix, IBM RS/6000 AIX, Sun Solaris, Interactive UNIX, SVR4, ... etc.

It also provides all ASCII serial terminal's emulations, such as WY-60, WY-120, WY-50+, ADDS A2, ... etc. So can replace traditional terminals easily.

TK-725 not only keep serial terminal's strong functions, but also have following strength because of the Ethernet interface.

- Very simple cabling.
- Multi-sessions, multi-hosts on the same Ethernet cable.
- Much faster data transmission speed on the same Ethernet cable.
- Easy to fit into popular and existing UNIX networking system. speed on the same Ethernet cable.
- Printer Server function.

Specifications

**Display**

- **Monitor**
  Standard VGA color monitor.

- **Color**
  16 foreground and 16

- **CRT saver**
  On/off 30 minutes.

**Emulations**

- WY-120/60, 325, 50+;
- TVI910+, TVI925;

**Keyboard**

- **Interface**
  Enhanced PC/AT KB interface.

- **Type**
  Standard PC/AT KB 101/102 keys.
background colors.

- **Frequency**
  31.468KHz horizontal frequency.

- **Refresh**
  70 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.

- **Character matrix**
  7 x 12 dot matrix in 10 x 16 cell
  with 3-dot descenders and 800 dots by 416 line resolution for
  80-columns mode.
  7 x 12 dot matrix in 9 x 16 cell
  with 3-dot descenders and 1188 dots by 416 line resolution for
  132-columns mode.

- **Character font**
  Native Mode font.
  PC Standard.
  PC Multinational.
  Standard ASCII.
  Standard ANSI.
  Graphics font.
  Four banks down loadable soft font of 128 characters each.

- **Character attributes**
  Blink, Reverse, Underline, High
  light/ Dim, Invisible and any
  combination.

- **Cursor attributes**
  Block or Underline, blink, steady
  or off, 16 colors.

- **Line attributes**
  Double height, double width,
  combination programmable.

- **Function key**
  12 programmable function keys.

### 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**
  Type 1:
  Serial 1: 9-pin male connector with
  RS-232C for host.
  Serial 2: 9-pin male connector with
  RS-232C for serial printer.

- **Baud rates**
  50 to 115200 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.

### Environment

- **Temperature**
  Operating: 5 oC to 40 oC.
  Storage: -40 oC to 60 oC.

- **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.

### Power Requirement

- 98 - 264 Vac at 47 - 63 Hz.

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Best view with 800 X 600 screen mode & 16 bit high color
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