

TK-5350/5357 LCD Thin Client

TK-5350/5357 is an all-in-one and stylish LCD thin client which provides the high performance and expandable features for the applications, such as P.O.S, medical fields and call centers.

LCD Windows based Terminal's advantages

TK-5350/5357's slim and elegant style is designed for the officers or users who have limited space, but need powerful operation devices.

With no moving parts, such as hard drive and floppy, it's centralized management and lessens the sufferings for administrators to maintain every device remotely. Users run all the applications on the server which lead to faster performance and response.

VIA platform's strength

With VIA platform's hardware spec, it can provide 32bit "true color" support of display and the options, such as wireless LAN card and smart card. Wireless 802.11b/g LAN device now brings the most convenience, unlike cabling network device. Smart card is a security device and its application is really broad and friendly designed for every user.

Two USB ports can support USB storage device, such as USB floppy, HDD, CD-ROM and memory storage, etc. This hardware platform could work with any software base, such as CE, Linux or XP operating systems to deploy the advantage.

Termtek software Strength

Termtek can customize the software according to the customers' request and try to meet every customer's requirements.

Working with Termtek's Remote Management software, this machine can extend to the utmost functionality and reduce maintenance cost. The powerful RM have functions, such as scheduling, updating, monitoring and grouping, etc.

Key features

1. Built-in options: PCMCIA slot for wireless LAN card, smart card reader
2. Touch screen is also available as an option and there are some drivers integrated already.
3. Support CE.NET and IE 6.0
4. Support windows media player and MP3 player
5. With the latest RDP, ICA and local browser protocol and Termtek ANSI & ASCII, IBM emulation (option)
6. Internal speaker built-in or external speaker is available
7. Termtek's Remote Management software to control the clients
8. Easy to maintain, upgrade and repair without removing every part
9. With 2 serial ports, one parallel port and 2 USB ports
10. Wall-mounted or desk-top



TK-5350/TK-5357 CE/LX/XP Specification

Powerful LCD Integrated Windows Based Terminal

HARDWARE

◎ CPU

VIA Eden CPU 533MHz/733MHz /1GHz or up (fanless)

◎ SDRAM

64MB for CE.NET
64MB for Linux
256MB for XPe
(expandable to 512MB)

◎ Flash Memory

256KB Bootloader
32MB CF for CE.NET
32MB CF for Linux
256MB CF for XPe
(expandable to 512MB)

◎ LCD Display 15" (TK-5350)

Display Pitch: 0.297(H)*0.297(V)mm
Display Area: 304.1(H)*228.1(V)mm
Viewing Angle: -60~40degree(V)
-60~60degree(H)
H Frequency range: 30~60KHz
V Frequency range: 50~75Hz
Brightness: 300:1
Contrast: 250cd/m2

◎ LCD Display 17" (TK-5357)

Display Pitch: 0.264(H)*0.264(V)mm
Display Area: 337.9(H)*270.3(V)mm
Viewing Angle: -65~55degree(V)
-80~50degree(H)
H Frequency range: 31~75KHz
V Frequency range: 50~75Hz
Brightness: 450:1
Contrast: 300cd/m2

◎ Video Memory

Share System memory 8MB
Graphics utilizes system RAM.
Up to 1024x768 / 75HZ (TK5350)
Up to 1280x1024 / 75HZ (TK5357)
True color / 32 bit;

◎ Audio Support

CODEC VT1612A
Full 16 bit stereo FM synthesis.
8 bit mini microphone in.

◎ Network Port

Realtek 8139C
10/100BaseT (RJ45)
PCMCIA Wireless 802.11b (Option)

◎ I/O Port

Two RS-232C ports, DB-9 up to 115.2k bps
One parallel DB-25 port.
Two USB ports
PS/2 Keyboard and Mouse

◎ Extensible Option

Smart Card Reader
PCMCIA Slot

SOFTWARE

◎ Operating System

- Microsoft Windows CE.NET 4.2 (CE)
- Linux Kernel 2.4.20 (LX)
- Microsoft Windows XP Embedded with Local Windows desktop interface (XP)

◎ Software Feature

CE.NET

MS RDP5.1 / Citrix ICA 7.0
DNS, DHCP, PPP, WINS, RAS, VPN,
TK-RM Agent, SNMP Agent and
SNMP MIB II, PPPoE
MS IE 6.0 supported
Windows Media Player 9.0 and
ActiveX controls, Support MPEG-4
and MP3
PXE (standard image updating
mechanism)
Thin Print support
LPD support
USB External storage support and
sharing

Linux

TCP/IP with DNS, DHCP, TK-RM Agent, MS
RDP/Citrix ICA 7.0/XDM. Load balancing
supported by Citrix ICA.
Netscape Browser 4.77
Macromedia Flash 6.0
Netscape Browser 7.02 (option)
PDF Reader (option)
JVM (option)

XP Embedded

MS RDP5.2 / Citrix ICA 7.0
Microsoft Internet Explorer 6.0
Windows Media Player 6.4/8.0(option)
Macromedia Flash Player 6.0
Sun J2RE1.4.1 or MSJVM 5.0(Option)
Acrobat PDF Reader 5.05 (Option)
MUI, EWF support, Ramdisk
DUAUI(Device Update Agent),
USB Printer Support
Map Network storage function
PNAgent 7.1
File Sharing (Support USB Floppy,
CDROM, HD)
System Recovery

◎ Setup and Configuration

Local power-on boot.
Simple start-up wizard for set-up.
Configurable automatic login.
Multi-language keyboard support.
Multiple auto-startup support
Reconnection

◎ Server O.S. Support

RDP:
Windows2003 Server Family+RDP service
Windows XP Pro + RDP service
Windows 2000 Server Family
Windows NT Server 4.0 + TSE
ICA:
Citrix MetaFrame XP+Windows
2003 Server Family
Citrix MetaFrame XP+Windows
2000 Server Family
Citrix MetaFrame+Windows NT Server
4.0+TSE

◎ Terminal Emulations

ASCII/ANSI Emulation:
SCO Console ANSI.
DEC VT420/320/220/100/52.
Wyse 120/60/50+/325.
TVI 925/910.
ADDS A2.
IBM Emulation:
TN5250(E), TN3270(E)



◎ Management

Boot from LAN
Remote management , configuration,
upgrades, wake on LAN, through
Termtek Remote Manager software.
Terminal Configuration (IP, Netmask,
name, etc.)

ENVIRONMENT

◎ Temperature

Operating: 5°C to 40°C
Storage: -40°C to 60°C
Convection Cooling, Fanless.

◎ Relative Humidity

20% to 80% non-condensing.
Operating altitude range 0 to
10,000 feet (0 to 3050 meters.)

◎ POWER REQUIREMENT

Adapter
Input: AC 100~240V @50~60Hz
Output: DC 12V, 4.2A (for TK-5350)
Output: DC 12V, 5.0A (for TK-5357)

◎ REGULATORY COMPLIANCE

Emissions FCC Class B,
UL/CUL, CE, TUV, CB

DIMENSIONS AND WEIGHT

◎ LCD Terminal Physical

TK-5350:
365mm(W) x 355mm(H) x 90mm(D)
TK-5357:
420mm(W) x 415mm(H) x 95mm(D)

◎ Packing

TK-5350: 1 Piece/Carton
470mm(W) x 520mm(H) x 175mm(D)
TK-5357: 1 Piece/Carton
472mm(W) x 562mm(H) x 182mm(D)

◎ Weight

Carton
TK-5350 NW: 4.5kgs; G.W.: 5.0kgs
TK-5357 NW: 6.5kgs; G.W.: 10.0kgs

ORDERING INFORMATION

TK-5350 CE/LX/XP (533/733/1G):
TK-5357 CE/LX/XP (533/733/1G):
-S: Smart Card support
-P: With PCMCIA Slot
-W: Wireless 802.11b Lan card
-T: Touch Screen support



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