AXEL - VNCviewer

Graphics Terminal

VNC Technology

AX3000 Model 65

The Lowest Priced Solution for Thin Client Computing

Graphics VNC Sessions

- Web browser, email, graphics applications...

Telnet Text Sessions

- Text-based emulations: ANSI, VT, WY60/120, IBM 5250...

Embedded Multi-Port Server

- 3 auxiliary (1 parallel and 2 serial)
- Print Server (lpd, rcmd), remote tty server and telnet server

Zero-Administration

AXEL E-mail: info@axel.fr
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AX3000 Model 65

The Axel-VNCviewer provides centrally managed Ethernet TCP/IP access to any graphics application (web browser, email, Java, ASP, word processing…) running on one or more Unix or Linux servers. **The Axel-VNCviewer is the lowest priced solution for thin-client computing.**

VNC Architecture

VNC is a combination of server software and a communication protocol allowing LAN connection with a thin client, called a “viewer”.

VNC Server Software

GNU software (open source) is supplied for Unix (SCO, OpenServer, UnixWare7, AIX…) and Linux (Caldera, Mandrake, Red Hat, Suse…) operating systems.

VNC Client

The VNC client function is integrated into the electronics of the Axel-VNCviewer terminal. There is no embedded or downloaded operating system.

Axel-VNCviewer Terminal
AX3000 Model 65

Interface Ethernet 10BaseT (RJ45)
Mouse : 2 buttons serial
Graphics : 800 x 600, 256 colours
SVGA monitor and PS2 keyboard

Axel-VNCviewer Terminal

- **Low power custom electronics**
  No fan, very high reliability.
- **No embedded or downloaded intelligence in the terminal**
  Software distribution (ie O/S, browser, JVM, application…) and upgrades totally managed on the server.
  Zero-administration graphics terminal.
- **Delivers server performance to all terminals**
- **Versatile access to applications**
  In the event of terminal disconnection, a user can resume their application from any Axel-VNCviewer at exactly the same place where the original session left off.
  Access security can be activated by VNC authentication (password requested by terminal before connection).
- **4 concurrent and independant graphics and text sessions**
  The Axel-VNCviewer allows 4 concurrent sessions, either graphics or telnet text on one or more Unix and Linux servers.
  Text emulations developed by Axel are available either as standard or as downloadable options:
  Unix colour ANSI console: SCO, AIX, Linux…
  VT220, WY60/120, TVI950, Qume, 3151…
  IBM 5250.

Remote Administration

Static or Dynamic IP addressing (DHCP option)
Flash memory, terminal firmware is downloadable via the network (BOOTP and TFTP)
Remote terminal configuration over LAN or WAN (remote set-up)

Embedded Server for Printers and Peripherals

3 auxiliary ports (2 serial and 1 parallel). A wide range of peripherals can be connected (mouse, barcode reader, printer, automation equipment, badge reader, touch screen…)
Each of these ports can be accessed through specific network services depending on type of device connected:
LPD : printers
telnet : serial terminals
tty : developed by Axel, allows fixed tty’s to be associated with the Axel-VNCviewer’s auxiliary ports or telnet sessions. This feature can be used to control any peripheral through a Unix tty (ie simulates a multi I/O serial controller).

AX3000 Model 65 Rear Panel

Size: 295 x 295 x 30 mm
Power: 110/240 volts

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