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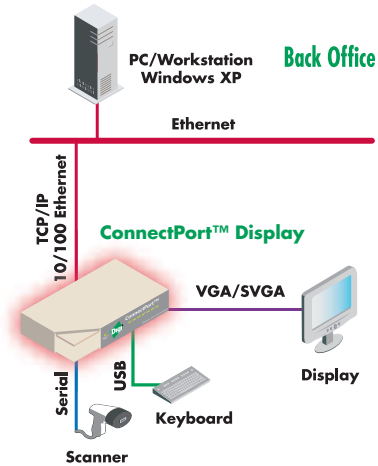
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# ConnectPort™ Display

Zero-Client and Ultra-Thin Client Solutions

ConnectPort Display zero-client and ultra-thin client solutions make it possible to connect, monitor and control remote display, USB and serial devices over IP – without a locally attached host PC.



## Features/Benefits

- Zero-client and ultra-thin client solutions connect display, audio, serial and USB devices to a LAN or other IP network
- Display over IP technology extends video cabling distance
- Access and monitor display devices over a TCP/IP connection, without a dedicated PC
- Digi's patented RealPort® technology for COM or TTY port control and management
- Large local storage for video and audio files
- Compatible with Windows®, Linux® and other popular operating systems
- Compatible with VMware, Microsoft® Virtual Server, Windows® Terminal Services and Citrix Presentation Server
- Supports terminal emulation for migration of legacy systems
- Ideal for mission-critical applications including retail/POS, restaurants, manufacturing, digital advertising, public information displays, medical and banking
- Available in a variety of custom OEM or embedded form factors

## Overview

ConnectPort Display is the industry's first zero-client remote networking solution. It connects display, serial and USB devices over IP to transform traditional PC architecture, allowing the interactive experience to be placed anywhere there is a network connection – a dedicated PC is not required at the same location and there are no changes to application software.

This Ethernet-attached solution provides a single VGA video port, audio port and additional serial and USB ports for human interface devices such as a keyboard, mouse or touch panel. Remote displays can be centrally managed and monitored from a remote server or PC via an IP address. This translates to smaller deployment stations, centralized management and reduced IT support.

ConnectPort Display is ideal for mission-critical enterprise applications. The zero-client can be deployed in restaurant kitchens, access control systems, industrial automation, digital advertising or any environment that is volatile, not secure or where having an onsite PC is impractical.

ConnectPort Display also supports standard terminal emulation, resulting in straightforward migration from legacy terminal-based systems. This gives the flexibility to deploy ConnectPort Display today in a terminal oriented configuration and migrate to newer graphic displays and applications whenever desired.

# Features/Specifications

## FEATURES

- 10/100Base-T Ethernet support
- RJ-45 Ethernet connector
- Analog VGA 15-pin D-Sub display connector
  - Up to 1600x1200 resolution (model dependent)
  - Up to 32-bit color (model dependent)
- Additional peripheral device ports (model dependent)
  - 1 RS-232 serial DB-9
  - 1 RS-232 serial RJ-45
  - 2 USB Type A
- 1 IP address per unit, static or DHCP
- Audio
  - Headphone or amplified speaker output
  - Amplification up to 2.5 watts
  - 1/8" stereo mini-jack output
  - Amplified audio speaker connector
  - 1/8" mono microphone input
- Up to 1 GB of file storage (model dependent) for video and audio files
- Multiple units may be supported per server
- Patented Digi RealPort COM/TTY redirector for serial port connections
- Compatible with RealVNC, UltraVNC and other open source VNC server applications
- Compatible with RDP and ICA protocols
- Compatible with VMware, Microsoft Virtual Server, Windows Terminal Services, Citrix Presentation Server and other server virtualization applications
- Robust terminal emulation for VT-220 and other terminal devices
- Embedded VNC server enables remote monitoring and troubleshooting via an IP address

## MODEL OPTIONS

- Zero-Client**
- Digi embedded operating system
  - VNC protocol for video, USB
  - Digi RealPort for serial
- Ultra-Thin Client**
- Full-motion video
  - Audio out
  - Windows CE model
    - Windows CE 5.0
    - Internet Explorer 6
    - Windows Media Player 9
    - Remote Desktop Connection (RDP protocol support)
    - Microsoft .NET Compact Framework 2.0
    - WordPad
    - PowerPoint viewer
  - Stand-alone chassis models
  - Embedded board models for OEM integration

## DIMENSIONS

- Length: 4.35 in (11.05 cm)
  - Width: 7.20 in (18.29 cm)
  - Height: 1.03 in (2.61 cm)
  - Weight: 10.00 oz (311.00 g)
- OEM board level models available in sizes to integrate with LCD and touchscreen systems.

## POWER REQUIREMENTS

- Ships with 100-240VAC 50/60 Hz power supply\*\*
- 5VDC @ 2.9 Amps max

## REGULATORY APPROVALS

- FCC Part 15, Class B
- CE
- EN55022
- EN55024
- EN60950
- UL 1950
- CSA 2.2 No. 950
- IEC 950

## NETWORK AND DEVICE RECOMMENDATIONS

- 100 Mb switched Ethernet segment per ConnectPort Display

## OPERATING SYSTEMS

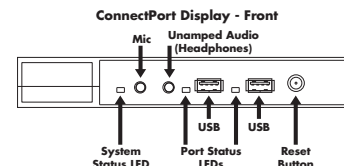
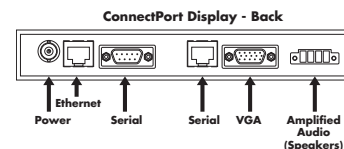
- Server compatibility (model dependent) with any server operating system supporting VNC server application, including:
  - Microsoft Windows platforms
  - Linux & other UNIX platforms
  - Mac OS
  - DOS (no RealPort support)

## ENVIRONMENTAL

- Operating temperature: 32° F to 131° F (0° C to 55° C)
- Relative humidity: 0% to 95% (non-condensing)

## MODEL.....PART NUMBERS

Model	North America	International
ConnectPort Display Zero-Client (2 USB, 2 serial, 1 VGA, embedded OS)	301-1180-01	301-2180-01
ConnectPort Display Zero-Client (2 USB, 2 serial, 1 high res VGA, embedded OS)	CP-DIS-M22	CP-DIS-M22-W
ConnectPort Display Ultra-Thin Client (2 USB, 2 serial, 1 high res VGA, Windows CE)	CP-DIS-M22-CE	CP-DIS-M22-CE-W
ConnectPort Display Zero-Client Board Only (2 USB, 2 serial, 1 high res VGA)	CP-DIS-M22-PCA	CP-DIS-M22-PCA



Integrate a ConnectPort Display board into other products like displays and touchscreens

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Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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