

ConnectPort® Display

Zero-Client and Ultra-Thin Client Solutions

Connect, monitor and interact with remote display, audio, USB and serial devices over IP.



Overview

ConnectPort Display is a network-enabled video display hub. It provides video, audio, serial and USB ports for human interface devices such as a keyboard or mouse. Zero-client models can be centrally managed and monitored from a remote server or PC via an IP address, resulting in smaller deployment stations, centralized management and reduced IT support.

ConnectPort Display transforms traditional PC architecture by 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. Target applications include 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 supports standard terminal emulation, giving the flexibility to migrate to newer graphic displays and applications in the future.

Target Applications



Retail/POS

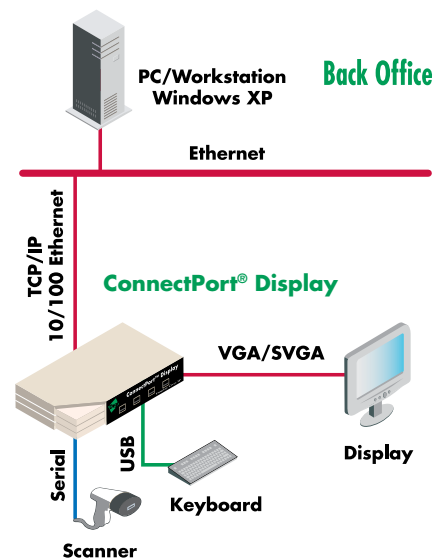


Industrial Automation



Digital Signage

Application Highlight

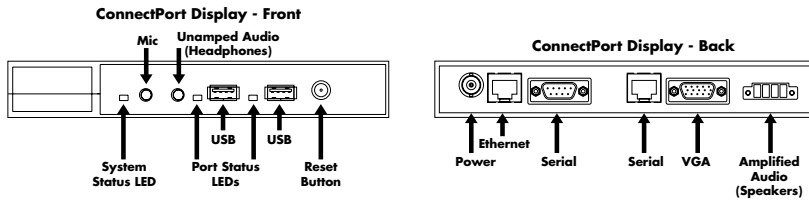


Features/Benefits

- Connect display, audio, serial and USB devices over a LAN or other IP network
- Access and monitor display devices over a TCP/IP connection, without a dedicated PC
- Display over IP technology extends video cabling distance
- Large local storage for video and audio files
- Compatible with VMware, Microsoft® Virtual Server, Windows Terminal Services and Citrix Presentation Server
- Available in a variety of custom OEM or embedded form factors



Interfaces	
Ethernet	One 10/100Base-T Ethernet port with RJ-45 connector
VGA	1 analog VGA 15-pin D-Sub display connector: Up to 1600x1200 resolution (model dependent); Up to 32-bit color (model dependent)
Serial	1 RS-232 serial DB-9 port; 1 RS-232 serial RJ-45 port
USB	2 USB Type A ports
General Features	
Network Device Recommendations	100 Mb switched Ethernet segment per ConnectPort Display
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 (applies to CE models)
Storage	Up to 1 GB file storage (model dependant) for video and audio files
Application and Protocol Compatibility	RDP and ICA protocols; RealVNC, UltraVNC and other open source VNC server applications; VMware, Microsoft Virtual Server, Windows Terminal Services, Citrix Presentation Server and other server virtualization applications
Software	Digi's patented RealPort® COM/TTY redirector for serial port connections
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)
Dimensions (L x W x H)	4.35 in x 7.20 in x 1.03 in (11.05 cm x 18.29 cm x 2.61 cm) OEM board level models available in sizes to integrate with LCD and touchscreen systems
Weight	10.00 oz (311.00 g)
Other	Multiple units may be supported per server; 1 IP address per unit, static or DHCP; Robust terminal emulation for VT-220 and other terminal devices; Embedded VNC server enables remote monitoring and troubleshooting via an IP address; System status LED
Model Options	
Zero-Client Models	Digi embedded operating system; VNC protocol for video, USB; Digi RealPort for serial
Ultra Thin Client Models	Full-motion video; Audio out; Stand-alone chassis models; Embedded board models for OEM integration Windows CE model only: Windows CE 5.0; Internet Explorer 6; Windows Media Player 9; Remote Desktop Connection (RDP protocol support); Microsoft .NET Compact Framework 2.0; WordPad
Power Requirements	
Power Supply	Ships with 100-240VAC 50/60 Hz power supply; 5VDC @ 2.9 Amps max
Environmental	
Operating Temperature	0° C to 55° C (32° F to 131° F)
Relative Humidity	0% to 95% (non-condensing)
Approvals	
Safety	EN60950, UL 1950, CSA 2.2 No. 950, IEC 950
Emissions/Immunity	CE, FCC Part 15 Class B, EN55022, EN55024



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

You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support

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