AnywhereUSB®

Network-Attached USB Hub

Network-attached USB hub connects USB peripheral devices anywhere on a LAN – without a locally-attached host PC.

Overview

AnywhereUSB products are network-attached USB hubs that connect USB peripheral devices to a PC over a Local Area Network. The AnywhereUSB TS model also adds four RS-232 serial ports, enabling the mixing of USB and serial ports over the same network connection.

The AnywhereUSB software drivers are loaded onto a host PC or server so that USB devices attached to the AnywhereUSB hub may communicate with the host PC without changing existing device application software. AnywhereUSB drivers work equally well on physical servers or virtual machines in virtualized environments. Peripheral USB devices can be centrally managed and monitored from a remote server or PC. The Multi-Host Connections feature allows multiple host PCs to establish connections with the AnywhereUSB hub concurrently, where each PC takes ownership of a group of USB ports on the AnywhereUSB hub.

Relocating the host PC to a remote location translates to smaller workstations, enabling deployment without a local PC in kiosks, ATMs, restaurant kitchens, manufacturing lines or any hostile or non-secure area where having a local PC is not practical.

USB storage devices and USB modems are not supported. Digi's Edgeport/1 USB-to-serial converter may be used to connect a serial modem.

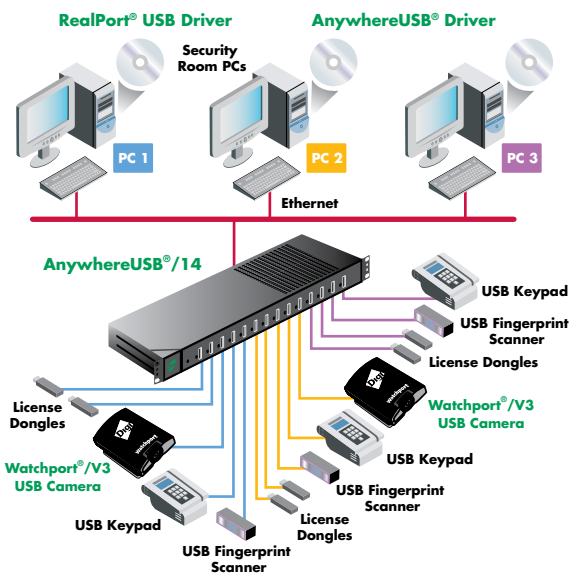### Related Products

Watchport® Camera   Watchport® Sensors   Edgeport® Family

Application Highlight

RealPort® USB Driver   AnywhereUSB® Driver

Security Room PCs

PC 1   PC 2   PC 3

Ethernet

AnywhereUSB®/14

USB Keypad
USB Fingerprint Scanner
License Dongles
Watchport®/V3 USB Camera
USB Keypad
USB Fingerprint Scanner
License Dongles
License Dongles
Watchport®/V3 USB Camera
USB Keypad
USB Fingerprint Scanner

Features/Benefits

- Network-attached USB hub easily connects remote USB devices to a LAN
- Ideal for connecting USB devices over the network in virtualized environments such as VMware®
- AnywhereUSB/14 rack mountable product has two built-in power supplies and two Ethernet connections for redundancy
- Access and monitor USB and serial devices over a TCP/IP connection
- Compatible with bulk or interrupt type USB devices
- Multi-Host connections (on select models)

Specifications	AnywhereUSB®/2	AnywhereUSB®/5	AnywhereUSB®/5M	AnywhereUSB® TS	AnywhereUSB®/14
Interfaces					
10/100Base-T Ethernet	1 RJ-45				2 RJ-45
USB	2	5		4	14
Serial	N/A	N/A		4 RS-232 RJ-45	1 RS-232 DB9
Features					
IP Address	1 static (fixed) address per unit				
LEDs	System and Port status				
Power Supply	Ships with 120-240VAC 50-60 Hz at 5VDC @ 3 amps max w/ locking barrel				Includes 2 120-230VAC 50-60 Hz @ 8 amps max
Management	CLI and AnywhereUSB web configuration tool				
Other Shared Features	Remote configuration utility; Multiple units supported per server; Field-upgradable software and firmware; Patented RealPort (serial over IP) and RealPort USB (USB over IP)				
Serial Data Rates	N/A			Up to 230 Kbps per port	
USB Downstream Power	500 mA per USB device				
USB Compatibility	USB 1.0, 1.1, 2.0 Note: USB storage devices and USB modems are not supported. Digi's Edgeport/1 USB-to-serial converter may be used to connect a serial modem.				
Operating Systems	Windows® 8, Windows 7, Windows Vista®, Windows Server® 2012 R2, Windows Server 2008 R2, Windows Server 2003, Windows XP®, Windows XP Embedded				
Multi-Host Connections	N/A	N/A	Yes	N/A	Yes
Dimensions (L x W x H)	2.38 in x 3.9 in x 1.0 in (6.04 cm x 10.0 cm x 2.54 cm)	4.35 in x 7.20 in x 1.03 in (11.05 cm x 18.29 cm 2.61 cm)			4.97 in x 17.00 in x 1.74 in (12.62 cm x 43.18 cm x 4.42 cm), Rack mountable 1U
Weight	5.0 oz (141.8 g)	10.0 oz (283.5 g)			40 oz (1134 g)
Environmental					
Operating Temperature	32º F to 140º F (0º C to 60º C)				32º F to 131º F (0º C to 55º C)
Storage Temperature	-40° F to +185° F (-40° C to +85° C)				
Relative Humidity	0% to 95% (non-condensing)				
Network and Device Recommendations					
Network Type	10/100 Mb switched Ethernet				Dual 10/100 Mb switched Ethernet
USB Device Types	Compatible with bulk or interrupt type USB devices; Isochronous devices not supported				
Regulatory Approvals					
Safety	UL 1950/CSA 2.2 No. 950, EN60950, IEC-950				
Emissions/Immunity	CE, FCC Part 15 (Class B), EN55022, EN55024				

AnywhereUSB/5
AnywhereUSB/5M - Front
System Status LED — Port Status LEDs — Reset

AnywhereUSB/2 - Front
Port Status LED — USB — Port Status LED — USB — Reset — System Status LED

AnywhereUSB TS - Front
System Status LED — Port Status LEDs — USB (4) — Reset

AnywhereUSB/14 - Front
System Status LED — Port Status LEDs — USB Port (14) — Reset

AnywhereUSB/5
AnywhereUSB/5M - Back
Power — RJ-45 Ethernet — USB (5)

AnywhereUSB/2 - Back
Power Connector — RJ-45 Ethernet

AnywhereUSB TS - Back
Power — RJ-45 Ethernet — RJ-45 Serial (4)

AnywhereUSB/14 - Back
Power Input — Ethernet — Power Input