AnywhereUSB®

Network-Attached USB Hub

AnywhereUSB is a network-attached USB hub that connects USB peripheral devices anywhere on a Local Area Network – 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.

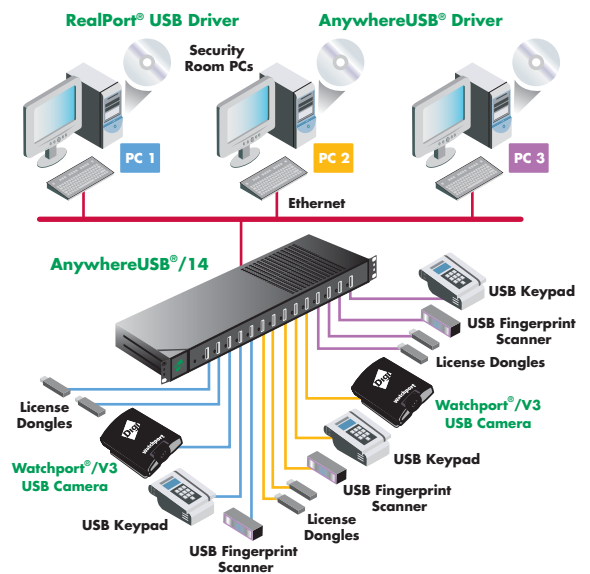## Related Products

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

Features/Benefits

- **Network-attached USB hub easily connects remote USB device(s) 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)**

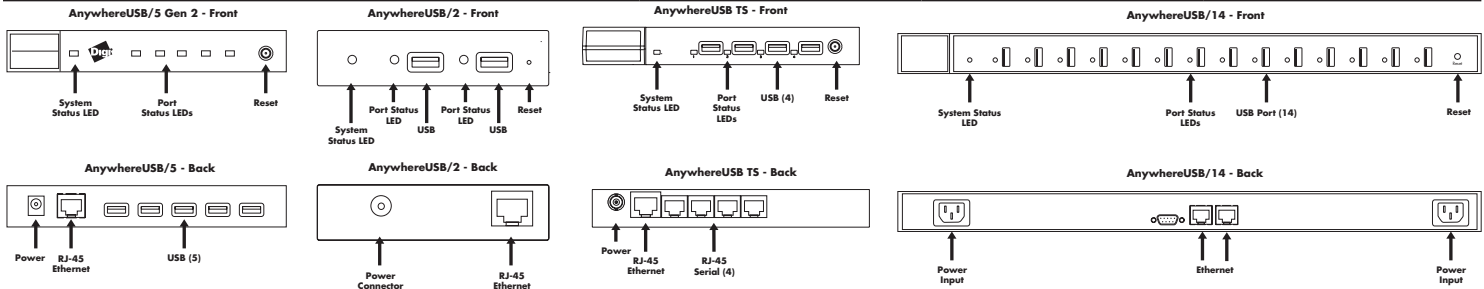| Specifications	AnywhereUSB®/2	AnywhereUSB®/5 AnywhereUSB®/5 Gen 2	AnywhereUSB® TS	AnywhereUSB®/14
Interfaces				
10/100Base-T Ethernet	1 RJ-45			2 RJ-45
USB	2	5	4	14
Serial	N/A	N/A	4 RS-232 RJ-45	1 RS-232 DB9
Features				
IP Address	1 static (fixed) address per unit			
LEDs	System and Port status			
Power Supply	Ships with 120-240VAC 50-60 Hz at 5VDC@ 3 amps max w/ locking barrel for AnywhereUSB/2, AnywhereUSB/5 Gen 2, AnywhereUSB TS Ships with 100-240VAC 50-60 Hz at 5VDC @ 3 amps max for AnywhereUSB/5 Gen 1 only			Includes 2 120-230VAC 50-60 Hz @8 amps max
Management	CLI and AnywhereUSB web configuration tool (excluding AnywhereUSB/5 Gen 1)			
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 (USB 2.0 devices will operate at 1.1 speed)			
Operating Systems	Windows® 7, Windows Vista®, Windows Server® 2008, Windows Server 2003, Windows® XP, Windows XP Embedded			
Multi-Host Connections	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	32° F to 140° F (0° C to 60° C)			32° F to 131° F (0° C to 55° 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 Gen 2 - 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 - 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

Visit www.digi.com for part numbers.

Digi®