



Symbol® USB Synapse Cable



Industry Standard Connection

The Universal Serial Bus (USB) is an industry standard for the connection of multiple peripherals to a PC. The standard is sponsored by such industry leaders as Intel, Microsoft, Compaq, IBM, and NEC and supported by hundreds of manufacturers of PC's, peripherals and software. The USB is offered as a standard interface on most new notebooks, PC's, and point-of-sale terminals.

Symbol Technologies is a member of the USB Implementer's Forum. For more information about USB, visit the Forum's home page located at: <http://www.usb.org/>

Symbol USB Synapse Cable

The latest addition to the Symbol Synapse cable family is the USB Synapse. This Synapse cable allows the connection of a wide range of scanners to a host device equipped with a USB port.

The USB Synapse cable is effectively a keyboard emulator that works with hosts that have USB-compatible operating systems and USB ports. USB-compatible operating systems are Windows 98, Windows NT 5.0 and Mac OS 8 (operating system for the Apple iMac) and later. No additional software is needed since the USB driver support is built into these operating systems. Most PC's and POS systems produced after June 1997 have the USB port. USB ports are also available on most new notebook computers.

Benefits of USB Synapse Cables

The Symbol USB Synapse cable - an unprecedented ease of scanning connectivity. Benefits of the USB Synapse cable include:

▸ Plug and play: The USB Synapse cable allows scanners to be plugged or unplugged from a USB equipped host without reconfiguring the system.

▸ Power from host: The USB has provision to power most Symbol® hand-held scanners from the Bus or a USB hub, eliminating the need for an additional power supply.

Ease of Scanning Connectivity

It has never been so easy to connect peripherals to PC hosts as it is now with USB! USB is the solution for any PC user who has ever dreamed about plug-and-play connectivity to a printer, a scanner, a set of speakers, or a keyboard to their computer. While USB will not replace traditional PC ports overnight, it is expected to rapidly become the preferred means of connecting "medium-speed" peripherals such as phones, scanners and digital cameras.

Symbol Technologies extends your point-of-activity data collection capability by offering a USB compatible connection for scanners used in a wide range of retail and industrial applications. Downtime and staff training costs are reduced because it's now easy to set up, reconfigure and operate your bar code data collection system. A USB system is less expensive to build since additional power supplies are not required.

Need More Information

To find out how your company can benefit from the use of Symbol Synapse cables, call any of the convenient locations on the back address panel, or visit us at www.symbol.com

Symbol Synapse Cables

Symbol Synapse cables are a unique solution for a wide range of scanner connectivity challenges.

Synapse cables give the input flexibility you need to connect a wide range of bar code scanners to your host device. In addition, Symbol Synapse cables allow you to switch your scanner from one host device to another simply with a quick cable change. As your business needs change, and you need to upgrade your Symbol scanners - without changing the host device - the Synapse cable product family is the perfect connectivity solution.

USB Synapse Cable Specification Highlights

User Environment

Operating Temperature: 32° to 110°F / 0° to 43° C

Storage Temperature: 30° to 160°F / -34° to 71° C

Humidity: 5% to 95% (non condensing)

EMI Generation: Conforms to FCC Class A limits

Physical Characteristics

Dimensions: 2 in. x 1 in. x 1 in./5.08 cm x 2.5 cm x 2.5 cm

Electrical: Complies with UL, CSA, and VDE. 5 volts, 60 mA (typical) required

Power Supply Option Input: 100 VAC±10%, 50-60Hz; 117VDC±10%, 60Hz; 220/240 VAC±10%, 50Hz

Power Supply Option Output: +5 VDC, 1.0 amp

Input Cable: Depends on bar code collection device, Common length is 6 feet/183 cm.

Output Cable: Common length is 18 inches/45.7 cm

Performance Characteristics

Interface Capability: Keyboard Emulation (HID Compatible) for Microsoft Windows 98 and NT 5.0 and later. Macintosh: Mac OS 8 or later

Specifications are subject to change without notice.
Windows 98 and Windows NT are registered marks of Microsoft Corp.
Apple is a registered trademarks and iMac is a trademark of Apple Computer, Inc.

For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.



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