CAB100IR
USB to IrDA Adapter

Features

- USB bus powered, no need for external power.

- Full speed, 12 Mbps, fully compliant with USB 2.0.

- Supports all Windows OS from Win98 to 32 and 64 bit Win 8/8.1/10 and Win Server 2003/2008, MAC OS, Android, Linux, and Windows-CE.

- Supports IrDA baud rate from 9.6 kbps to 115.2 kbps.

- Supports host baud rate from 1.2 kbps to 115.2 kbps (programmable).

- Acts as a USB to RS232 serial conversion device, creating a virtual COM port with a latency time of 1.5 ms.

- Supports upper layers IfCOMM, IrLPT, and OBEX.

- Supports both IrDA primary and secondary mode, programmable with COMSET utility.

Description

The CAB100IR USB to IrDA adapter lets you connect to a Shark® meter's IrDA port using your PC. Just plug the cable into your PC's USB port and point the IrDA adapter at the IrDA port. You will be able to connect to the meter through CommunicatorPQA® software for configuration and polling. You can also use the link to download meter data files into any other compatible application. In addition, the CAB100IR lets you create a wireless connection with other types of electronic devices with infrared, such as PDAs, digital cameras, and scanners.

Specifications

Host Communication Speed	Factory default preset at 115.2 kbps; programmable to 1-115.2 kbps
Allowable IrDA Communication	
Speed	9.6 kbps – 115.2 kbps
Distance	(0.39 - 62.20) in / (1-158) cm
Power Source	Obtains power directly from the USB port – no external power required.
Power Consumption	
Active Mode Current	Less than or equal to 20.0 A
Ready Mode Current	Less than or equal to 19.5 mA
Dongle Dimension/ Weight	2.4" (6.2 cm) L X 1.4" (3.6 cm) W X 0.7" (1.9 cm) H / 2.20 oz (62.5 g)
Cable Length	47.2" (120 cm)
Operating Temperature	(32 to 140) °F / (0-60) °C
Storage Temperature	(-4 to 185) °F / (-20 to 85) °C

Ordering Information

Order Number: CAB100IR

CAB100IR web page and drivers:

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