



# QUATECH

## USB Adapter for PCMCIA (32-bit CardBus Wireless Modem Cards)

Get 3G wireless Internet access anywhere with reliable USB adapter



### Wirelessly communicate from your laptop or desktop via USB

Introducing the next generation of mobile connectivity with the new USB to PCMCIA Adapter. Increase productivity and maintain contact with clients while on the road with Quatech's PCD-X/U142-E.

Access broadband Internet, email and corporate networks with this unit using many common broadband wireless Internet PCMCIA (32-bit CardBus) cards.

Quatech's USB to PCMCIA Adapter enables desktop and laptop PCs to wirelessly access the Internet anywhere using a broadband wireless Internet card and your USB port (Internet cards not included). The adapter allows the use of a wide number of high speed broadband cards on your laptop or PC, even if your laptop or PC does not have a PC Card slot.

### No PCMCIA slot? No problem

The PCD-X/U142-E allows you to stay connected with secure, high-

speed access. The USB to PCMCIA Adapter is designed to fit Type I and Type II PC Card sizes. It supports 32-bit CardBus cards.

The adapter is compatible with desktops, notebooks, specialist systems, such as Point-of-Sale machines or any PC with a USB port. The unique hardware design of the PCD-X/U142-E was developed especially for certain broadband wireless Internet cards, so some card types are not supported (e.g., memory cards). For a complete list of compatible cards, please see the back of this datasheet.

### Desktop PC PCMCIA Expansion

Quatech also sells and supports other PCMCIA Card Adapters for 16 and 32-bit, internal (rear only) or external for PCI and Universal PCI interfaces.

Our PCMCIA Card Adapters allow desktop PCs to access the technology used in laptop, notebook and handheld computers. This enables easy data sharing between portable and desktop systems via memory cards, hard disk cards and portable peripheral devices.

### Model Selection Guide

Model No.	# PCMCIA slot(s)	Interface	Position	Bit
PCD-X/U142-E	1	USB	External	32-bit*
PCD-X/U132-E**	1	USB	External	32-bit*
PCD-B/UPCI-E	1	Universal PCI	Rear	16 & 32-bit
PCD-B/PCI-E	1	PCI	Rear	16 & 32-bit
PCD-B/PCI-ST	1	PCI	Rear	16 & 32-bit

\*only unit supporting 3G wireless modem cards  
\*\*available while supplies last

### KEY FEATURES

- Next generation USB to PCMCIA adapter
- Now with extended 3G wireless network card support (including CDMA, WMTS, HSDPA, EDGE)
- USB Interface
- One PCMCIA Slot
- Supports 3.3V, 32-Bit 3G and 2G wireless network cards
- Supports Type I and II card sizes
- PCD-X/U132-E only available while supplies last

Quatech's PCD-B/UPCI-E, PCD-B/PCI-ST and PCD-B/PCI-E support a wide range of PCMCIA cards including:

- wireless cards (WLAN 802.11a, 802.11b & 802.11g)
- wireless modem cards (GPRS, CDMA, 3G, etc)
- connectivity I/O cards
- memory cards
- Bluetooth

## USB TO PCMCIA ADAPTER SPECIFICATIONS

**Bus Interface:** USB

**OS Support:** Windows 2000/XP/2003 Server/Vista

**Sockets:** One PCMCIA slot operating at +3.3V

**Mount Location:** External USB Adapter CardBus

**Supported Card Types:** Type II 32-bit CardBus cards (only extended wireless cards with antennas)

**Operating Environment:**

**Operating :** 0°C to +75°C

**Storage :** -50°C to +150°C

**Power measurements:** Compliant with USB specification (requires below 500mAmps)

**MTBF:** Estimated MTBF for all our card readers is 100K hours under normal operating conditions.

**Over Current Protection:** Power supply over-current protection is built into all our range of PCMCIA card readers and provides protection to the PC and card reader from faulty PCMCIA cards being inserted in the card reader.

**Data Transfer Rates:** Actual data rates will vary according to the system, resources, quality of data connection and operator provided software.

**Weight:** 4.938 oz, excluding USB cable

**Dimensions:** 5.511" (w) x 3.346" (h) x 1.062" (d)

**Hardware Requirements:** The PCD-X/U142-E will run with any true "IBM compatible" Pentium PC or higher with a USB 2 compatible (USB2 or USB1.1) USB port

**Broadband cards supported:** Please check Quatech.com for the most updated list of broadband wireless card compatibility

### ORDERING INFORMATION

**PCD-X/U142-E:** 1 port, External USB to PCMCIA Adapter

**\*PCD-X/U132-E:** 1 port, External USB to PCMCIA Adapter  
*\*while supplies last*

