



PM-120/PM-154





**RoHS** Compliant



# PCMCIA 1xRS422/485 1MBaud

## "SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### Features

- 1 port RS422/485
- PCMCIA socket size
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

#### Options



PM-120: PCMCIA 1xRS422/485 1MBaud

PM-154 PCMCIA 1xRS422/485 RUGGED 1MBaud



This product works in Windows CE up to 115,200 baud (full duplex mode only)

#### Description

PC Card providing one RS422/485 serial port. Up to 921,600 data transfer rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop.

SO 14001

Being mobile no longer limits your options. Standard and ruggedised card options to suit your needs.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

#### Software

Microsoft signed drivers (easy installation & robust operation) for:

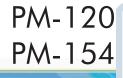
- Windows Vista 32 bit and 64 bit editions
- Windows XP 32 bit & 64 bit editions
- Windows 2000

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



ORDER	
Description	Code
PCMCIA 1xRS422/485 1MBaud	PM-120
PCMCIA 1xRS422/485 RUGGED 1MBaud	PM-154





## PCMCIA 1xRS422/485 1MBaud

### PM-120/PM-154: Full Specification

Port	Ports	1 x RS422/485
Pin 1 TXD- Pin 2 TXD+ 1 5	Connector	DB9 connector (9 Pin Male)
Pin 3 RTS- Pin 4 RTS+	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 5 GND Pin 6 RXD-	Operating Distance	RS422/485 Standard (4000 ft : 1200 metres)
Pin 7 RXD+ Pin 8 CTS-	Cable	Fully wired moulded cable
Pin 9 CTS+ 6 9		
Port Settings	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
$\rangle$	Parity	Odd, Even, None, Mark or Space
baud	Stop Bits	1, 1.5 or 2
	Flow Control	RTS/CTS , DTR/DSR
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating
Interface	OS Compatibility	Windows Vista 32 bit & 64 bit Editions
PCMCIA		Microsoft Windows CE Windows XP 32 bit & 64 bit Editions
i cincin		Microsoft Windows ME
		Microsoft Windows 2000
	BUS	PCMCIA
Approvals	Other Approvals	WEEE RoHS PCMCIA Affiliate Member FCC Compliant
PCMCIA	Microsoft Approvals	Microsoft Certified Gold Partner
		Windows Vista 32 bit & 64 bit editions Windows XP 32 bit & 64 bit
nons /t-o		editions Windows 2000
General	PCB Layers	4
	Power Consumption	100mA @ 5V
	Weight	0.027 Kg
	Size	PCMCIA Type II: 85.6 x 54 x 5.0 mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCMCIA 1xRS422/485 1MBaud / PCMCIA 1xRS422/485 RUGGED 1MBaud
		(Fully wired moulded cable)
Product Support	Warranty	Lifetime (online registration required)
	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly
	Support	staff who work in and alongside the Product Development Team
Strucht Barst		
Additional	OEM option	Available for bulk buy OEM
. * * -	Made In	Manufactured in the UK by Brainboxes Winner 2005 European
Elektra O5 European Electronics Industry Awards		Electronics Industry Awards "Manufacturer of the Year"
WINNER Manufacturer of the Year	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume
Made in the UK		users. More Info: sales@brainboxes.com

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