

VXC-114U/VXC-114iAU

VEX-114/VEX-114i



## VXC-114U/VXC-114iAU VEX-114/VEX-114i

Serial Communication Card with 4 RS-232 ports

### Features

- Supports 3.3 V/5 V PCI bus for U versions
- 128-byte Hardware FIFO for Each Port
- ±4 kV ESD Protection for i versions
- Supports PCI Express x1 for VEX series
- 128 KB Software Buffer (max.) for Each Port Under Windows
- Built-in COM-Selector
- Short Card Design
- Provides 2 RS-232 ports
- 2500 Vrms Isolation for i versions
- RoHS compliant & no Halogen



### Hardware Specifications

Models	VXC-114U	VXC-114iAU	VEX-114	VEX-114i
<b>Communication Port</b>				
COM1 ~ COM4	RS-232 (TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND)			
UART	16C950 compatible			
Baud Rate	50 ~ 115200 bps			
Data Bit	5, 6, 7, 8			
Stop Bit	1, 1.5, 2			
Parity	None, Even, Odd, Mark, Space			
FIFO	Internal 128 bytes			
Isolated	-	2500 Vrms	-	2500 Vrms
<b>General</b>				
Bus Type	Universal PCI, 3.3 V and 5 V, 33 MHz, 32-bit, Plug and Play		PCI Express x1, Plug and Play	
COM-Selector	Yes (8-bit DIP switch)			
Connector	DB-37 (Female)			
Power Consumption	120 mA @ 5 V	880 mA @ 5 V	120 mA @ 5 V	880 mA @ 5 V
Operating Temperature	0 ~ 60°C			
Storage Temperature	-20°C ~ +70°C			
Humidity	5 ~ 85% RH, non-condensing			
Dimensions (W x L x D) (Unit: mm)	84 x 142 x 22	93 x 133 x 22	110 x 110 x 22	

### Ordering Information

<b>VXC-114U CR</b>	Universal PCI, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-4002 Connector
<b>VXC-114U/D2 CR</b>	Universal PCI, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-9-3715D Cable
<b>VXC-114iAU CR</b>	Universal PCI, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-4002 Connector
<b>VXC-114iAU/D2 CR</b>	Universal PCI, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-9-3715D Cable
<b>VEX-114 CR</b>	PCI Express, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-4002 Connector
<b>VEX-114/D2 CR</b>	PCI Express, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-9-3715D Cable
<b>VEX-114i CR</b>	PCI Express, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-4002 Connector
<b>VEX-114i/D2 CR</b>	PCI Express, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-9-3715D Cable

### Software

#### Drivers

- 32-bit and 64-bit Windows XP/2003/Vista/7
- Linux

### Pin Assignments

Pin Assignment	Terminal No.	Pin Assignment
N.C.	01	20 RI3
DCD3	02	21 DTR3
GND	03	22 DSR3
CTS3	04	23 RTS3
RxD3	05	24 TxD3
RI4	06	25 DCD4
DTR4	07	26 GND
DSR4	08	27 CTS4
RTS4	09	28 RxD4
TxD4	10	29 RI2
DCD2	11	30 DTR2
GND	12	31 DSR2
CTS2	13	32 RTS2
RxD2	14	33 TxD2
RI1	15	34 DCD1
DTR1	16	35 GND
DSR1	17	36 CTS1
RTS1	18	37 RxD1
TxD1	19	

RS-232 Female DB-37 Connector

Pin Assignment	Terminal No.	Pin Assignment
GND	05	09 RI
DTR	04	08 CTS
TxD	03	07 RTS
RxD	02	06 DSR
DCD	01	

RS-232 Female DB-37 to Male DB-9 Connector

### Accessories

CA-4002		37-Pin Male D-Sub Connector with Plastic Cover
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CA-9-3715D		Male DB-37 to 4-port Male DB-9 Cable, 1.5 M (180°)
CA-9-3705		Male DB-37 to 4-port Male DB-9 Cable, 0.3 M (90°)