



# **COMBAT TWIN**

## **Unità Multiseriale**

### **USB to RS232/422/485**

- Add six RS-232 serial ports by connecting to a USB 2.0 Interface
- Add four RS-422 serial ports by connecting to a USB 2.0 Interface
- Add two RS-485 serial ports by connecting to a USB 2.0 Interface
- Easy plug & play installation
- Support Windows XP, Vista, 7
- Powered by USB port. No external power adapter required.
- I/O military connectors
- Sealed design IP66 graded
- Anticorodal Housing designed to withstand Shock and Vibration
- Powered from usb port
- Thought to be used with LEM "Consolle PVR10", LEM "Unità primaria CPU" and "LEM BRA" (Braccio Robotizzato Antropomorfo)
- Provided with four M5 fixing holes

## Model USB to RS232/422/485

### Mechanical and Environment

<b>Dimension:</b>	255x147x61 mm
<b>Weight:</b>	1.5 Kg ± 500 g
<b>Operation Temp.:</b>	-32°C to +50°C
<b>IP Proof:</b>	IP66
<b>Fixing holes:</b>	4 x M5
<b>High Temperature:</b>	MIL-STD-810G M.501
<b>Low Temperature:</b>	MIL-STD-810G M.502
<b>Temperature Shock:</b>	MIL-STD-810G M.503
<b>Solar Radiation:</b>	MIL-STD-810G M.505
<b>Rain:</b>	MIL-STD-810G M.506
<b>Salt Fog:</b>	MIL-STD-810G M.509
<b>Sand and Dust:</b>	MIL-STD-810G M.510
<b>Vibration:</b>	MIL-STD-810G M.514
<b>Shock:</b>	MIL-STD-810G M.516
<b>Acid Atmosphere:</b>	MIL-STD-810G M.518

### RS-232 Features

<b>Data signals:</b>	TxD, RxD, RTS, CTS, DSR, DTR, GND
<b>Data rate:</b>	up to 250 kbps
<b>Flow control:</b>	RTS/CTS, DTR/DSR, None

### RS-422 Features

<b>Data signals:</b>	TxD+, TxD-, GND
<b>Data rate:</b>	up to 250 kbps
<b>Parity:</b>	None, Even, Odd
<b>Flow control:</b>	None

### RS-485 Features

<b>Data signals:</b>	A-, B+, GND
<b>Data rate:</b>	up to 250 kbps
<b>Parity:</b>	None, Even, Odd
<b>Flow control:</b>	auto Rx/Tx driver selection
<b>Internal polarization:</b>	Optional

### I/O Connectors

<b>Port:</b>	1 x USB 2.0
	6 x RS 232
	4 x RS422
	2 x RS485

### Power Specification

<b>Power Input:</b>	5 Vdc; max 7W
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