

## PVI-USB-RS232\_485 Converter

### GENERAL SPECIFICATIONS



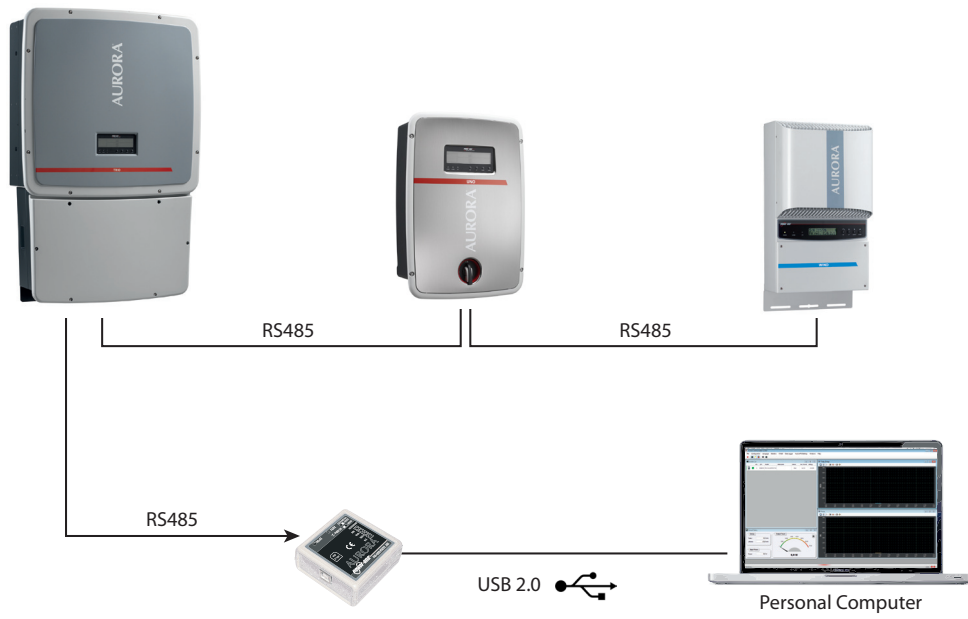
- Allows serial interfacing between photovoltaic or wind inverters and computer via RS485 link
- Operating systems supported: Win XP, Win 7, and Linux based
- Works with centralized and string inverters
- No power supply needed (auto-supplied via USB port)

## Features

### Compatible Power-One Softwares:

- Aurora Communicator – Monitoring of string and centralized inverters
- Aurora Installer - Managing and Monitoring of string inverters
- Aurora CVI Central - Managing and Monitoring of centralized inverters
- Aurora Stringcomb Installer – Managing and Monitoring of String combiner
- Aurora Manager – Configuration and Monitoring Software

BLOCK DIAGRAM - PVI-USB-RS232\_485



## Block Diagram

PARAMETER	PVI-USB-RS232_485
<b>USB Side</b>	
<b>Standard</b>	2.0
<b>Connection</b>	B-Type
<b>RS485/232 Side</b>	
<b>RS485/232 function</b>	selectable via switch
<b>RS485</b>	Half-Duplex
<b>Status Led (Tx/Rx)</b>	Yes
<b>O.S</b>	Windows 7, Windows XP, Linux Based <sup>(1)</sup>
<b>Supply</b>	
<b>Auto-Supply</b>	Yes, via USB port
<b>Maximum Current</b>	150 mA
<b>Status Led (Power On)</b>	Yes
<b>Environmental</b>	
<b>Ambient Temperature Range</b>	-25...+ 50°C/-13...122°F
<b>Physical</b>	
<b>Environmental Protection Rating</b>	IP 20 (Indoor use only)
<b>Dimension (H x W x D)</b>	66mm x 66mm x 28mm
<b>Safety</b>	
<b>Isolation</b>	2500 V <sub>dc</sub>
<b>Marking</b>	CE
<b>Accessories</b>	
<b>B-type/A-type USB cable</b>	included
<b>485 side mating part plug screw terminal block</b>	included

1. For a complete list see: <http://www.ftdichip.com/Drivers/VCP.htm>

Remark. Features not specifically listed in the present data sheet are not included in the product



[www.power-one.com](http://www.power-one.com)

**Power-One Renewable Energy Worldwide Sales Offices**

<u>Country</u>	<u>Name/Region</u>	<u>Telephone</u>	<u>Email</u>
<b>Australia</b>	Asia Pacific	+61 2 9735 3111	sales.australia@power-one.com
<b>China (Shenzhen)</b>	Asia Pacific	+86 755 2988 5888	sales.china@power-one.com
<b>China (Shanghai)</b>	Asia Pacific	+86 21 5505 6907	sales.china@power-one.com
<b>India</b>	Asia Pacific	+65 6896 3363	sales.india@power-one.com
<b>Singapore</b>	Asia Pacific	+65 6896 3363	sales.singapore@power-one.com
<b>Belgium / The Netherlands / Luxembourg</b>	Europe	+32 2 206 0338	sales.belgium@power-one.com
<b>France</b>	Europe	+33 (0) 141 796 140	sales.france@power-one.com
<b>Germany</b>	Europe	+49 7641 955 2020	sales.germany@power-one.com
<b>Italy</b>	Europe	00 800 00287672 Opt. n°5	sales.italy@power-one.com
<b>Spain</b>	Europe	+34 91 879 88 54	sales.spain@power-one.com
<b>United Kingdom</b>	Europe	+44 1903 823 323	sales.UK@power-one.com
<b>Dubai</b>	Middle East	+971 50 100 4142	sales.dubai@power-one.com
<b>Canada</b>	North America	+1 877 261-1374	sales.canada@power-one.com
<b>USA East</b>	North America	+1 877 261-1374	sales.usaeast@power-one.com
<b>USA Central</b>	North America	+1 877 261-1374	sales.usacentral@power-one.com
<b>USA West</b>	North America	+1 877 261-1374	sales.usawest@power-one.com