

# TECHNICAL SPECIFICATION

## Atreyo Data Interface

## ADI-501 — USB to RS232 isolated



### Features

- High speed USB 2.0
- Opto-isolated data interface
- FTDI chip
- DIN rail mounting option
- No external power supply

The ADI-501 is industrial use USB to RS232 opto-isolated interface. Designed to work in industrial environment. This model has four data signals RX , TX, DTR and RTS signals.

Interface is powered directly from USB port than not need of external power supply.

Description	Parameter
<b>Serial Interface</b>	
Interface Type	RS232
Data Rate	1200bps ~ 921600bps
Signals	RX, TX, DTR, RTS
Data Length	7, 8 bits
Parity	Odd, Even, None, Space, Mark
Stop Bits	1, 2 bits
Flow Control	None
Connector	DB-9 Male
Serial Line Protection	Opto-isolated 2.5kV and: IEC 61000-4-2 level 4: – 15 kV (air discharge) – 8 kV (contact discharge) MIL STD 883C-Method 3015-6: class 3. (human body model)
<b>USB Interface</b>	
Interface Type	USB 2.0 Full Speed compatible
Connector	Type - B
USB chip	FTDI
Protection	IEC 61000-4-2 level 4: – 15 kV (air discharge) – 8 kV (contact discharge)
<b>Software</b>	
OS support	Windows 10 32,64-bit, Windows 8/8.1 32,64-bit, Windows 7 32,64-

Description	Parameter
	bit, Windows Vista and Vista 64-bit, Windows XP and XP 64-bit, Windows 98, 98SE, ME, 2000, Server 2003, XP, Server 2008 and server 2012 R2, Windows XP Embedded, Windows CE 4.2, 5.0 and 6.0, Mac OS 8/9, OS-X, Linux 2.4 and greater
<b>System Functions</b>	
Indicators	TXD - data indicator
	RXD - data indicator
	PWR - power indicator
<b>Power supply</b>	
Power	From USB port
Power consumption	
<b>Physical Characteristics</b>	
Installation	Clamp, DIN-Rail Mounting (optional)
Housing	Aluminium
Weight	0.5kg
Dimensions	44mm x 92mm x 20mm
<b>Environmental Specification</b>	
Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-40 ~ 85°C (-40 ~ 176°F)
Ambient RH	5% to 95% (non-condensing)



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