

Datasheet

ADA-I9211

USB to RS-232 Converter



APPLICATION

ADA-I9211 converts USB standard to RS-232 without interfering in the format of transmitted data. Converter to communicate with RS-232 interface devices uses transmission lines as Rx, Tx, RTS, CTS, DTR, DSR, DCD, RI and GND (ground) and it is automatically detected by the computer system after connecting to USB socket (Plug&Play device). This converter doesn't require external power supply (it is powered from USB bus) and it uses asynchronism baud rate up to 921600 kbps.

ADA-I9211 supports drivers for Windows 98, ME, 2000, XP, 2003, Vista, Win7, 2008, Win8, Win10, Win11 and installation will add the additional COM port about the next free number, witch can be used as standard COM port. It is virtual COM port therefore some software use DOS can work improperly.

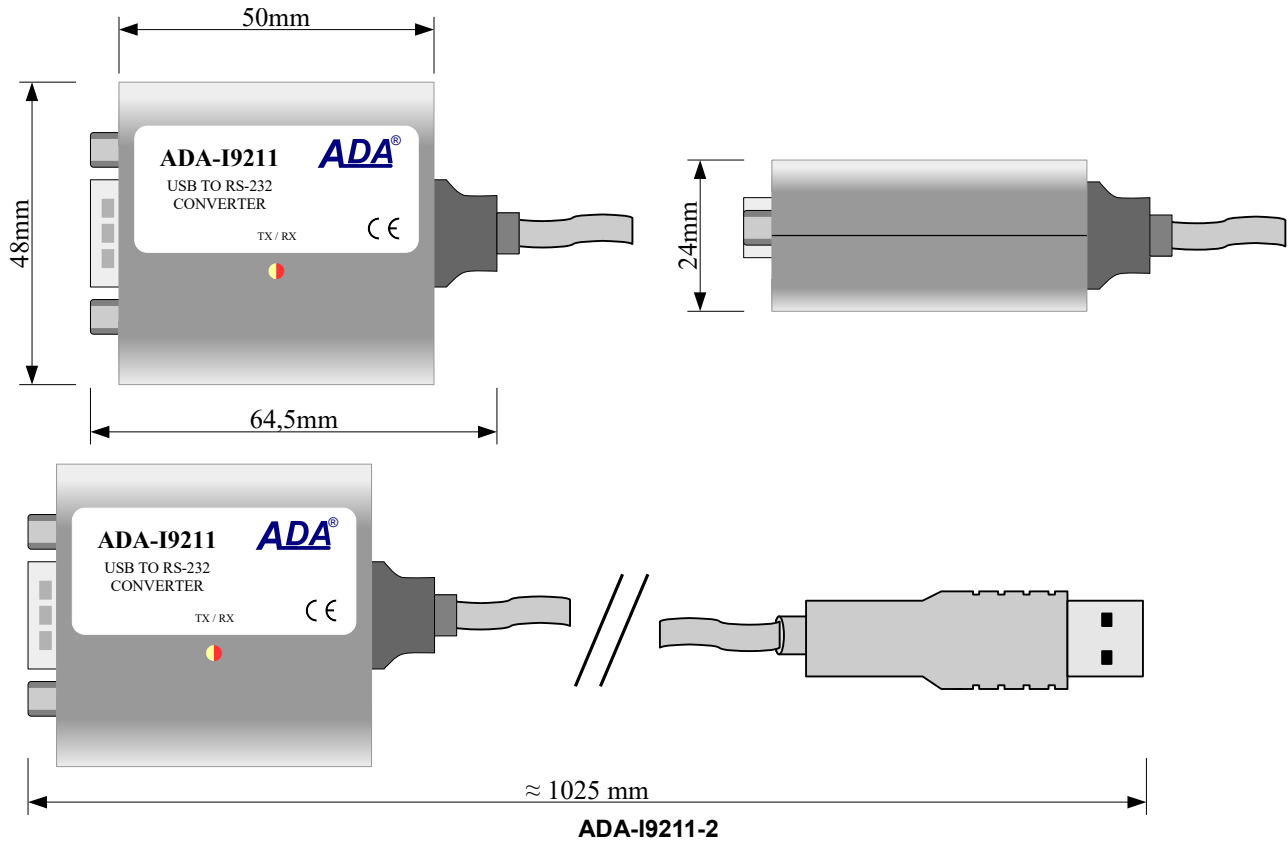
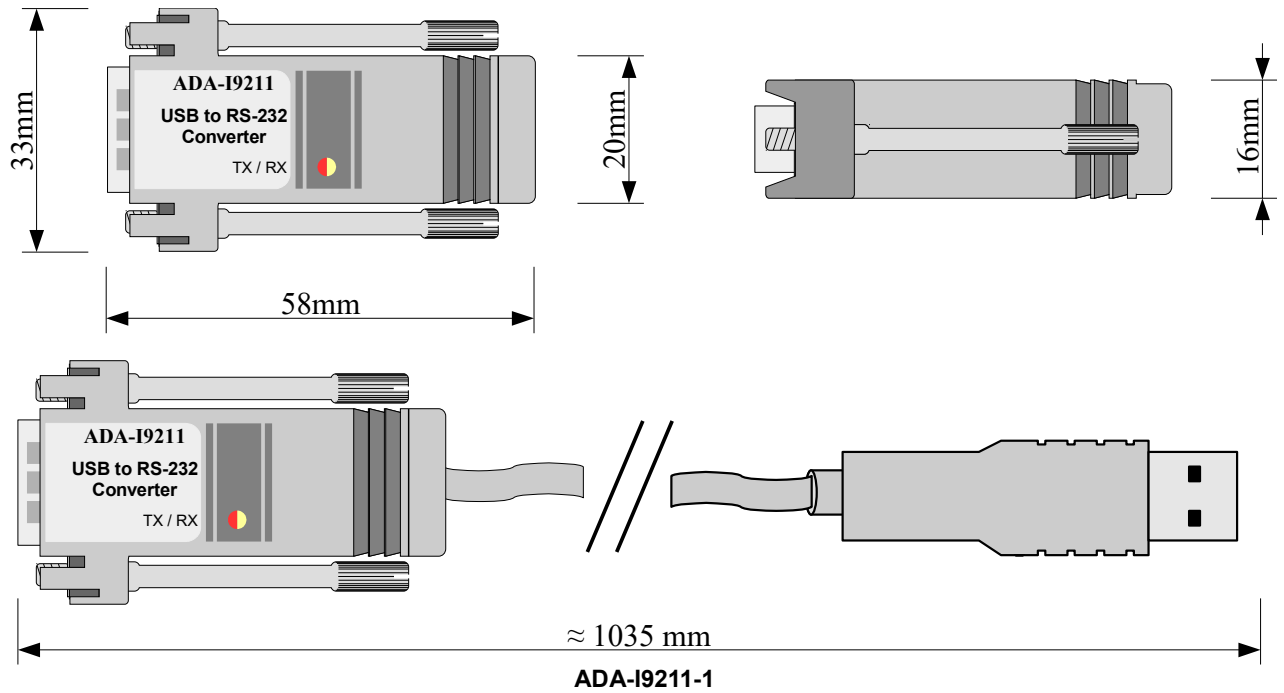
TECHNICAL DATA

Transmission Parameters		
Interface	USB	RS-232
Connector	USB A-type (male)	DSUB-9M (male) connector
Max. Line length	up to 5m with additional cable	up to 15 m

Max. number of connected device	1	1
Transmission line	Standard extension USB cable A-A type	DB9F/DB9M multi-wire cable 9x0,34 shielded
Standards	USB1.1, USB2.0	EIA-232, CCITT V.24
Max. baud rate	up to 921,6 kbps (Standard) / up to 500 kbps (Profibus)	
Transmission type	Asynchronism half duplex or full duplex,	
Optical Signalization	<ul style="list-style-type: none"> • RX – red LED received data on RS232 port • TX – yellow LED transmitted data on RS232 port 	
Electrical Parameters		
Power requirements	from USB of Computer	
Power Cable	Not applicable	
Power	< 0,5 W	
Protection from reverse power polarization	Not applicable	
Galvanic Isolation	No	
Optoisolation	No	
Electromagnetic compatibility	Resistance to disruptions according to PN-EN 6100-6-1 norm Emission of disruptions according to PN-EN 61010-1 norm.	
Safety requiring	According to PN-EN 61010-1 norm.	
Environment	Commercial and light industrial.	
Environmental Parameters		
Operating temperature	0 ÷ 50°C	
Humidity	5 ÷ 95% - non-condensing	
Storage temperature	-10 ÷ 50°C	
Casing		
Dimensions (W x D x H)	D-SUB09 - 58 x 33/20 x 16 mm. OBD – 64,5 x 48 x 24 mm.	
Material	ABS/PE	
Degree of casing protection	IP20	
Weight	0,05 kg	
Implementation of Standard	Not applicable	
Location during work	Free	
Mounting method	Not applicable	

WITHOUT GALVANIC ISOLATION

DIMENSIONS



VERSIONS

Housing type:	ADA-I9211 -
D-SUB09	1
OBD	2

Order example:
Product symbol: **ADA-I9211-1**
1 – Casing D-SUB09