Delock USB 2.0 to 12 Port Serial RS-232 Hub with surge protection and extended temperature range

Description

This compact RS-232 hub with High Speed USB 2.0 to 12 x RS-232 serial by Delock supports connections for printers, controllers, measuring devices etc. Up to four of these hubs can be cascaded (series connection), thus up to **48 RS-232 ports** are provided on one USB 2.0 port. The LEDs on each single port indicate the current RS-232 status. A Windows application supports centralized control of the serial COM ports. The hub is suitable as a desktop device and for **wall or DIN rail mounting**.

Item no. 64070

EAN: 4043619640706

Country of origin: Taiwan, Republic of China

Package: Box

Specification

- Connectors:
  - 1 x USB 2.0 Type-A female (cascading)
  - 1 x USB 2.0 Type-B female
  - 12 x serial RS-232 DB9 male with nuts
  - 1 x 5 V DC jack 5.5 x 2.1 mm
- Chipset: FTDI FT231XS
- RS-232 serial:
  - Data transfer rate up to 12 x 460.8 Kbps
  - Databits: 7, 8
  - Stop bits: 1, 2
  - Parity: even, odd, none, mark, space
  - Buffer: FIFO 1 KB
  - Signals: DCD, TxD, RxD, RTS, CTS, DTR, DSR, GND, RI
- Plug & Play
- ESD Protection (electrostatic discharge):
  - ±15 kV ESD IEC 61000-4-2 air discharge
  - ±8 kV ESD IEC 61000-4-2 contact discharge
- Surge Protection: 250 W peak pulse (TVS)

- Status LEDs: TX, RX, ACT
- Operating voltage: 5 V DC
- Housing: metal
- Colour: black
- Operating temperature: -40 °C ~ 85 °C
- Relative humidity: 0 - 80 % (non condensing)
- Weight: ca. 1033 g
- Dimensions (LxWxH): ca. 268 x 102 x 40 mm

Power supply specification

- Wall power supply
- Input: AC 100 ~ 240 V / 50 ~ 60 Hz / 0.2 A
- Output: 5 V / 1 A
- Ground outside, plus inside
- Cable length: ca. 1.2 m
- Dimensions:
  inside: ø ca. 2.1 mm
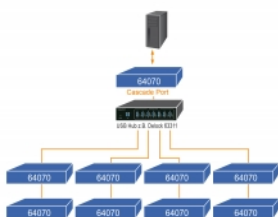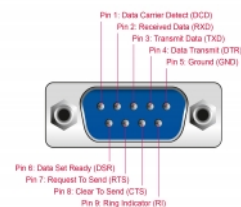 outside: ø ca. 5.5 mm
  length: ca. 9.3 mm

System requirements

- Linux Kernel 4.1 or above
- Windows 7/7-64/8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-A port

Package content

- RS-232 hub
- Cable USB Type-A male to Type-B male, length ca. 1.8 m
- Wall mounting brackets
- Mounting for 35 mm DIN rail
- 12 x mounting screws
- Power supply
- User manual

Images

General

Function:	Plug & Play
Mounting type:	DIN rail 35 mm Wall mounting
Specification:	RS-232 (EIA / TIA) USB 2.0 UHCI/OHCI/EHCI
Supported operating system:	Linux Kernel 4.10 or above Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit
LED indicator:	power and activity RX / TX
Protection:	ESD (Electrostatic Discharge) Überspannungsschutz 250 W

Interface

Connector 1:	1 x USB 2.0 Type-B
Connector 2:	12 x Seriell RS-232 DB9 Stecker
connector 3:	1 x DC jack
connector 4:	1 x USB 2.0 Type-A female

Technical characteristics

Operating voltage:	5 V
Chipset:	FTDI FT231XS
Data transfer rate:	12 x bis zu 460,8 Kbps
Operating temperature:	-40 °C ~ 85 °C
Humidity:	0 ~ 80 %

Signal transmission:	RI, RXD, TXD, CTS, RTS, DCD, DTR and GND
Data transmission:	asynchronous Bi-directional full duplex
UART:	USB to serial UART

Physical characteristics

Housing colour:	black
Housing material:	metal
Weight:	1033 g
Cable colour:	black
Cable length incl. connector:	1.8 m
Length:	268 mm
Width:	102 mm
Height:	40.0 mm
Switch:	On / Off
Overvoltage protection:	±15 kV EN / IEC61000-4-2 Air Gap Discharge ±8 kV EN / IEC 61000-4-2 Contact Discharge ±15 kV ESD Human Body Model (HBM)
LED colour:	red green yellow

Power supply

Type:	Euro wall power supply
Input:	AC 100 - 240 V / 50 - 60 Hz / 0.2 A
Output:	5 V / 1 A
Connector:	DC male 5.5 mm x 2.1 mm
Cable length:	1.5 m