

## Technical Data Sheet

### USB C to Serial RS232 16 Inch Adapter with LED Indicators USB 2.0

Model Number: GM-FTDI2-LED16-C



The Gearmo GM-FTDI2-LED16-C 16 inch USB C serial device is a USB C to RS-232 serial adapter compliant with USB 2.0 specifications, used to easily add a serial port to your computer, even if they are unequipped with COM port. Works with Windows 10 and lower! The GM-FTDI2-LED16-C supports peripherals requiring a serial RS-232 connection through a USB C type host port of your Laptop or Desktop computer. The 16 inch USB C to serial adapter allows you to add a single serial port and monitor the status of your connections by using LED activity flashes.

#### Features

- Fully compliant with USB Spec 2.0 and USB Spec1.1.
- RS-232 – DB9 / M Data rate : Over 1000kbps.
- ESD Protection for RS-232 I/O' +-15KV RS-232 for DTE Mode.
- RS-232 Signals: DCD , RXD, TXD, DTR , GND, DSR ,RTS, CTS, RI.
- Easy test RS-232 Host to Device link.
- Supports USB C port connection to host.

#### Product Information

- **Model Number:** [GM-FTDI2-LED16-C](#)
- **Package Contents:**
  - (1) 16 inch USB-C to RS-232 Serial Adapter
  - (1) Driver Disc
- **Optional Accessories:** N/A

#### Specifications

| OVERVIEW          |  |
|-------------------|--|
| Interface         | USB-C to RS-232  |
| Port Connections  | USB-C to host and DB-9 male with hex nut tightening  |
| Protection        | +15KV electrostatic protection   |
| PHYSICAL FEATURES |  |
| LEDs              | 1~4, 6~9 PIN Signal 0 : Green / Signal 1 : RED GND – RED – POWER PS. DB9-F PIN / 1,2,6,8,9 NO Input LED no light |
| Construction      | Plastic  |
| Color             | Translucent black  |
| Dimensions        | Overall length, 16 inches  |

|                               |   |
|-------------------------------|---|
| Weight                        | 0.093 lbs.  |
| <b>POWER</b>                  |   |
| Input:                        | Bus powered   |
| <b>SIGNALS</b>                |   |
| Serial RS-232 Signal          | DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI  |
| USB Signals                   | VCC, DATA+, DATA-, GND, FG  |
| <b>COMMUNICATION</b>          |   |
| Communication Type            | Asynchronous Point-to-point communication mode  |
| Speed                         | 300-921.6Kbps, automatic detection of the transmission rate   |
| Transmission Distance         | 5 Meters for RS-232 and less than 5 Meters for USB  |
| Transmission Media            | Twisted-pair cable or shielded cable  |
| <b>ENVIRONMENT</b>            |   |
| Working Environment           | -40°C to 85°C   |
| Relative Humidity             | 5% to 95%   |
| <b>OS COMPATIBILITY</b>       |   |
| Operating Systems             | Win XP, 2000, 2003, CE, Vista, 7, 8, and Windows 10, Linux, Mac OS 10.X   |
| <b>PRODUCT URL</b>            |   |
| GM-FTDI2-LED16-C Product Page | <a href="http://www.gearmo.com/shop/usb-c-to-serial-rs232-16-inches-adapter-with-led-indicators-usb-2/">http://www.gearmo.com/shop/usb-c-to-serial-rs232-16-inches-adapter-with-led-indicators-usb-2/</a> |