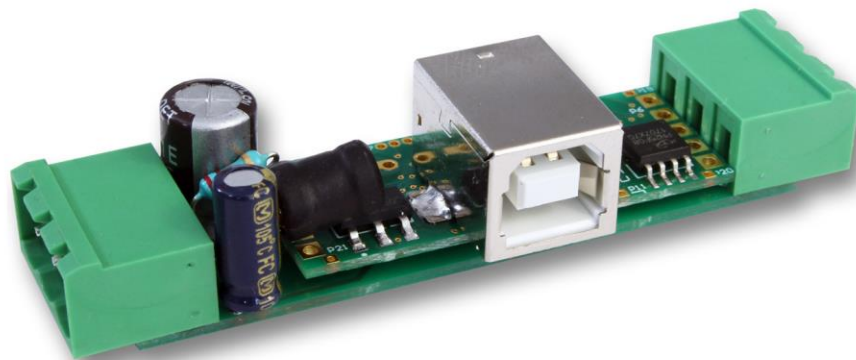


SerialGhost RS-232 Module

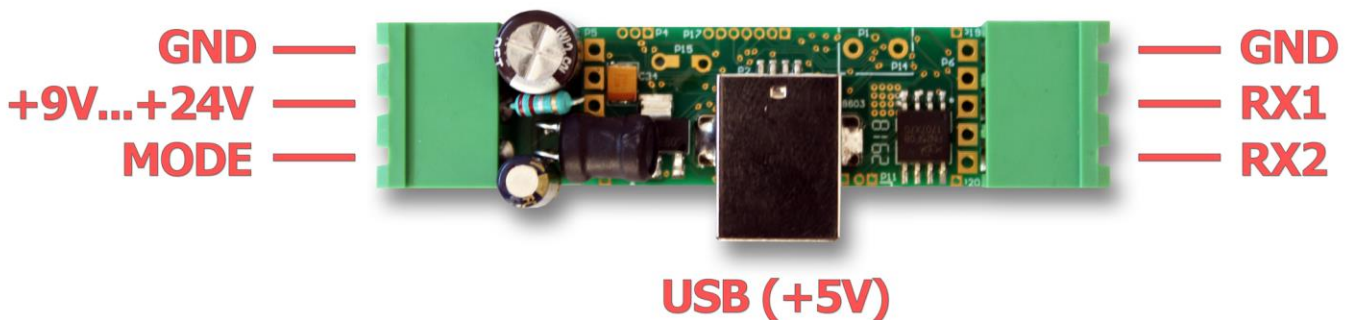
QUICK START



Important tips:

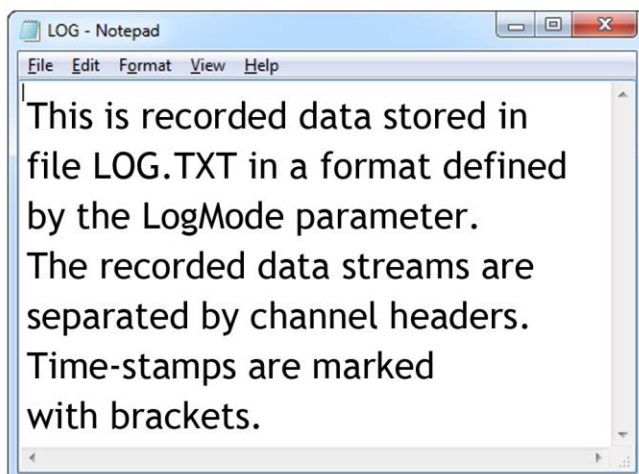
- Device requires 5V DC power through USB-B connector, or 9V...24V DC power through terminal block connector
- To access data and configuration, connect to a computer using a USB data cable, then short MODE to GND
- Device needs to be configured to match monitored serial bus

To power device with +5V DC, apply power with a USB cable. Alternatively, power the device with +9V...+24V DC using the terminal block connector.



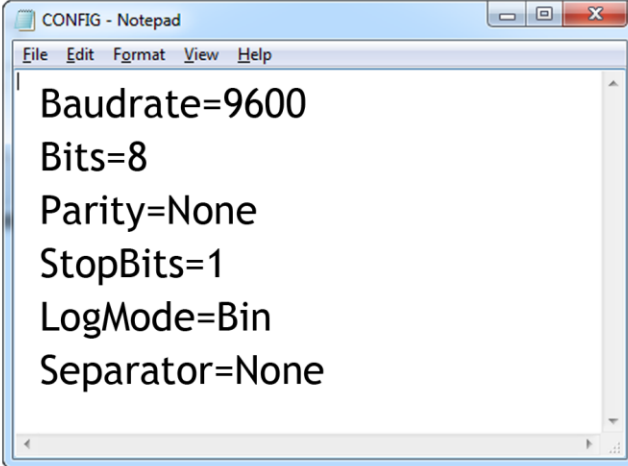
Connect up to two serial sources with RS-232 logic levels to inputs RX1, RX2

To switch to flash drive mode, briefly short input MODE to GND



Recorded data is stored in file **LOG.TXT**

To configure the device edit file **CONFIG.TXT** in the flash drive main folder



```
CONFIG - Notepad
File Edit Format View Help
Baudrate=9600
Bits=8
Parity=None
StopBits=1
LogMode=Bin
Separator=None
```

Baudrate, parity, bit count and stop bits in CONFIG.TXT must match the actual serial bus configuration

To set the internal clock create **TIME.TXT** in the flash drive main folder

Format = 24 / AM / PM (24h or 12h format)
Year = 2020
Month = 6 (1=January ... 12=December)
Day = 25 (1...31)
Hour = 13 (0...23 for 24h, 1...12 for AM/PM)
Minute = 54 (0...59)
Second = 38 (0...59)

Time-stamping available only in TimeKeeper version

The device can be configured through parameters in **CONFIG.TXT**

BaudRate=9600	Use DualPort=No (up to 230400)
Bits=8	for common port configuration (5/6/7/8)
StopBits=1	(1/1.5/2)
Parity=No	(Even/Odd/Space/Mark/No)
DualPort=Yes	Use DualPort=Yes (Yes/No)
BaudRate2=115200	and define the second port parameters if configuration of both ports differs (up to 230400)
Bits2=8	(5/6/7/8)
StopBits2=1	(1/1.5/2)
Parity2=No	(Even/Odd/Space/Mark/No)
LogMode=Bin	(Bin/Hex/Dec)
EnablePort=Both	(Port0/Port1/Both)
Separator=None	(Space/NewLine/Tab/Comma/None)
Separator2=NewLine	(Space/NewLine/Tab/Comma/None)
Header=MyDevice	(used when header is inserted)
HeaderInterval=2.0	(seconds of inactivity for header)
ChannelHeaders=Yes	(Yes/No)
Channel0Header=Ch-Zero	(used for first channel)
Channel1Header=Ch-One	(used for second channel)
Timestamping=Yes	(Yes/No, TimeKeeper version only)
TimeFormat=24	(24/Am/Pm, TimeKeeper version only)
DisableLogging=No	(Yes/No)
UsbMode=Flash	(Flash/Com, switches between flash drive mode and Virtual COM port mode)