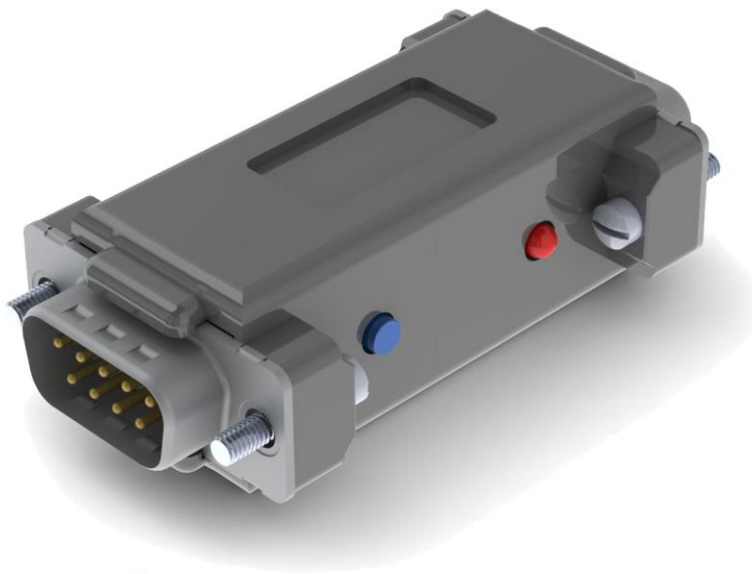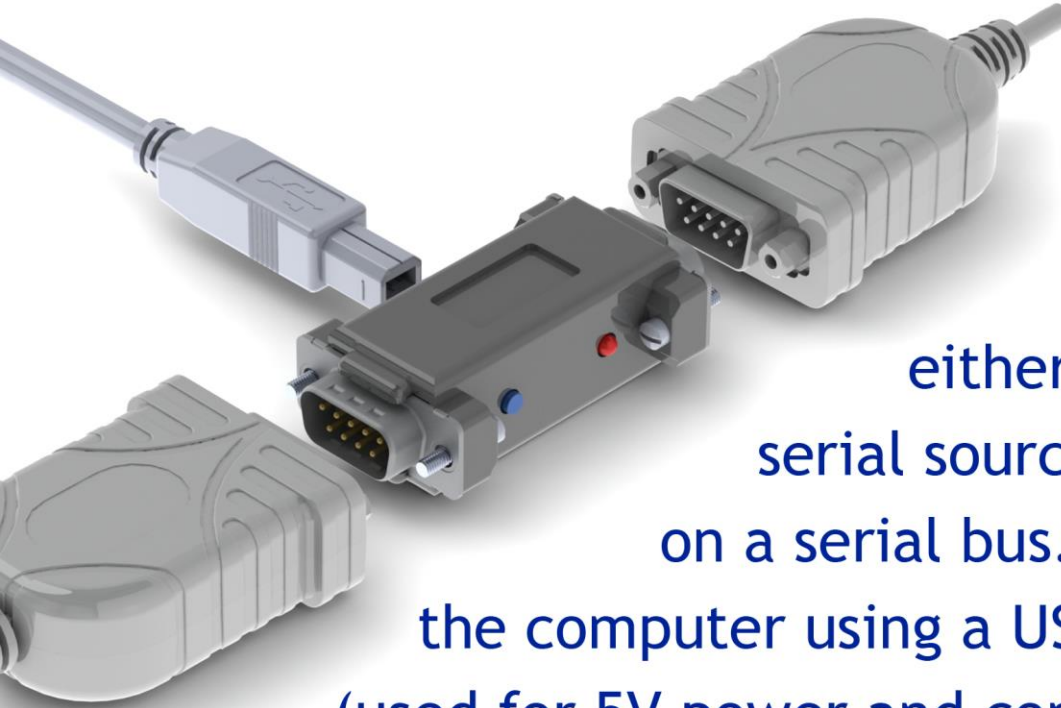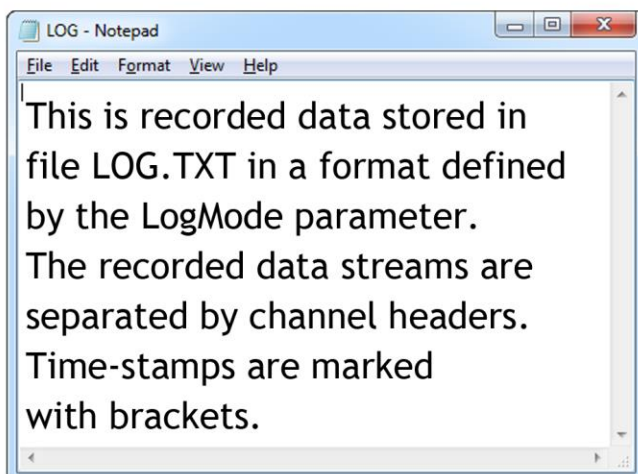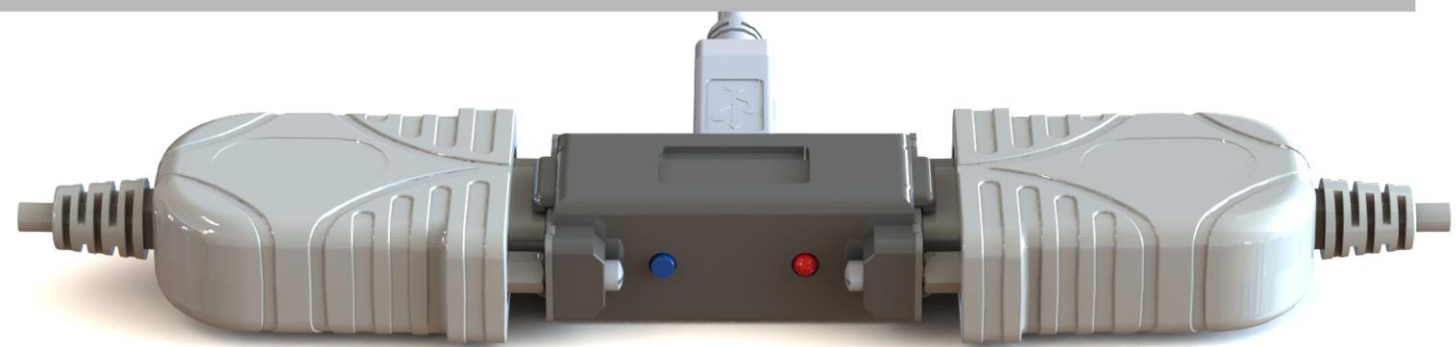# AIRDRIVE
RS-232 RECORDER
QUICK START

Important tips:

- Device requires 5V DC power through USB-B connector
- To access data and configuration, connect to a computer using a USB data cable, then press and hold button
- Device needs to be configured to match monitored serial bus

Connect the device either to a single serial source, or in-line on a serial bus. Connect to the computer using a USB A-B cable (used for 5V power and configuration).

Press and hold the side button to switch to flash drive mode

This is recorded data stored in file LOG.TXT in a format defined by the LogMode parameter. The recorded data streams are separated by channel headers. Time-stamps are marked with brackets.

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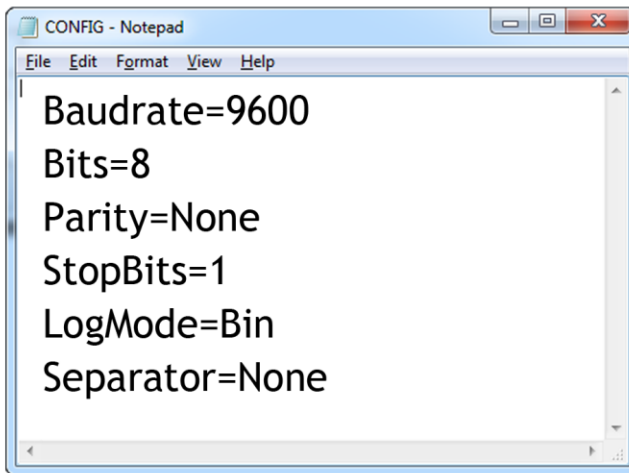
Baudrate, parity, bit count and stop bits in CONFIG.TXT must match the actual serial bus configuration

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 is available only in the TS 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   (up to 230400)
Bits2=8   configuration of both ports differs   (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, TS version only)
TimeFormat=24   (24/Am/Pm, TS version only)
DisableLogging=No   (Yes/No)
UsbMode=Flash   (Flash/Com, switches between flash drive mode and Virtual COM port mode)