

Key Features of Frontline’s Asynchronous RS-232 ComProbe® II and RS-422/485 ComProbe

1. Both the ComProbes (the RS-232 ComProbe II and the RS-422/485 ComProbe) are Portable, Flexible, and Easy to use.
2. The ComProbes have drivers for Windows XP (32-bit) and Windows 7 (32-bit and 64-bit).
3. The ComProbes use a USB interface to your PC.
4. The ComProbes run off USB power and there is no need for an external power source.
5. The ComProbes are completely passive on the bus. They do not interfere with the regular traffic on the wire.
6. The ComProbes do not disrupt traffic on the wire even when it is powered off.
7. To assist customers in tapping into Async RS-232 bus configurations, the RS-232 ComProbe II can be used in the following ways:
 - 7.1. Directly in-line
 - 7.2. Connected via Y-cable and/or the 6-foot RS-232 extension cable
 - 7.3. Some monitoring situations may require a pair of 25-pin to 9-pin adapters, which are included.
8. The ComProbes not only captures all the communication data on the wire, but they also provide timing and control signal status information along with the data.
9. Timestamps are in the microsecond range.
10. The ComProbes have expanded Baud Rate range capability. The supported rates are:

300 – 220000	293804 – 318287	528847 – 572916
220353 – 238715	330529 – 358072	661058 – 716145
240385 – 260416	377748 - 409226	881411 – 954861
264424 – 286458	440706 - 477430	

11. The Serialtest® analyzer software (for both RS-232 & RS-422/485) includes a Transmit program that can transmit data out through the PC’s built in Serial Ports.
12. Customers, who do not have built-in Serial ports on their PCs, can use a USB-to-Serial Port adapter (also called ‘converter’) to transmit data. Frontline has tested the Transmit program with the following three models:
 - <http://www.blackbox.com/Store/Detail.aspx/DB9-Mini-Converter-USB-to-Serial-RS-232-DB9/IC834A> (for RS-232)
 - <http://www.blackbox.com/Store/Detail.aspx/DB9-Mini-Converter-USB-to-Serial-USB-RS-485-2-wire-DB9/IC830A> (for 2-wire RS-485)
 - <http://www.blackbox.com/Store/Detail.aspx/DB9-Mini-Converter-USB-to-Serial-USB-RS-485-4-wire-DB9/IC831A> (for 4-wire RS-485)

Customers can use any of these models with Frontline’s Serialtest analyzer to transmit serial data.

More Information on Serialtest analyzer: <http://www.fte.com/products/Serialtest-01.asp>

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