Use your PC or laptop as a protocol analyzer for serial data.
FEATURES

• Data captured includes data bytes, control signals, and error conditions.
• Characters displayed in ASCII, EBCDIC, or Baudot.
• Live breakout box includes timing diagrams and counters.
• Absolute or relative display of event time; delta-time and effective-data-rate calculations.
• Record and play back a series of keystrokes.
• Character strings, control signals, and error conditions can be used to control functions.

OVERVIEW

Expensive, dedicated protocol analyzers are a thing of the past with the Serialtest®. It turns any desktop PC or laptop into a serial-data protocol analyzer.

If you need a diagnosis for Windows XP, order the Serialtest ComProbe® (Sync/Async) for Windows® XP (TD115V-R4). You’ll receive the software and an RS-232 ComProbe adapter. The ComProbe connects to your PC via the parallel printer port and lets you passively monitor and actively test both sync and async devices.

Serialtest (Async) for Windows XP (TD114V-RS) includes 32-bit software used for async-only testing in a Windows XP environment. Your PC, coupled with this user-friendly software, provides a powerful yet economical platform for data troubleshooting and development. The package includes Serialtest for Windows XP software and a custom cable set.

Serialtest’s 32-bit software is easy to use for communications specialists, network supervisors, and software developers. User-friendly pop-up software screens make monitoring data a snap.

The Statistics window enables you to quickly and easily monitor the vital signs of the circuit you’re testing. You’ll see stats that include totals and percentages for bytes, frames, errors, characters per second, and utilization.

The Breakout Box window enables you to view control signals in real time. You can perform timing analysis of control-signal transitions using the Signals Display window. Use it with the Review Events and the Frame Decode windows, and you can see the relationship between control signals, bytes, and frames.

The File Export utility enables you to export captured data from the Serialtest and convert it into binary or text format, so you can include it in reports or analyze it further. Do this by using a word-processing or spreadsheet program (such as Word or Excel®) or a custom analysis program.

Other windows also make analyzing your data easier. Select Live Events, Review Events, or Control windows.
TECH SPECS
System Requirements (TD115V-R4, TD114V-R5):
• Windows XP
• 5 MB hard-disk space (capture file size is limited by disk size)
• Maximum data rate supported is based on PC processor speed
• TD115V-R4: Requires a parallel port to interface
• TD114V-R5: Minimum of one serial port; two serial ports for bidirectional monitoring
• TD114V-R5: Supports COM1 through COM64

TD115V-R4:
Async Baud Rates — Up to 38.4 kbps, including support for user-defined non-standard baud rates
Character Sets — ASCII, 7-bit ASCII, EBCDIC, Baudot
Communication Modes — Async, Sync-NRZ and NRZI (external and internal clocking supported)
Data Interfaces — RS-232, MIL STD-188, RS-232 converters available for other interfaces
Flow Control — Software (including user-defined X-ON/X-OFF characters), hardware (RTS/CTS and DTR/DSR)
Parity — None, Even, Odd, Ignore
Protocols — Monosync, Bisync, HDLC, SDL, X.25 SNA, Frame Relay, PPP, SLIP, TCP/IP, user-customized protocol stack, custom decodes
Stop Bits — 1, 1.5, 2
Sync Baud Rates — Up to 64 kbps, including support for user-defined non-standard baud rates
Word Length — 5, 6, 7, 8 bits

TD114V-R5:
Async Baud Rates — Up to 115.2 kbps, including support for user-defined baud rates
Character Sets — ASCII, 7-bit ASCII, EBCDIC, Baudot
Communication Modes — Async
Data Interface — RS-232; RS-232 interface converters available for other interfaces
Flow Control — Software (including user-defined X-ON/X-OFF characters), hardware (RTS/CTS and DTR/DSR)
Operating Modes — Monitor, Source DTE, Source DCE
Parity — None, Even, Odd, Mark, Space
Protocols — PPP, SLIP, TCP/IP
Stop Bits — 1, 1.5, 2
Word Length — 5, 6, 7, 8 bits

Why Buy From Black Box?

Recognize any of these situations?
• You wait more than 30 minutes to get through to a vendor’s tech support.
• The so-called “tech” can’t help you or gives you the wrong answer.
• You don’t have a purchase order number and the tech refuses to help you.
• It’s 9 p.m. and you need help, but your vendor’s tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn’t worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

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Item Code
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For async-only data and protocol analysis, order...
Serialtest (Async) for Windows XP TD114V-R5