NCI

GoLogic™

Model GoLogic U36-1M

USB 2.0 and 1.1 interface

The PC-Hosted Logic Analyzer that's powerful, affordable and easy to use.

- ***Ultra-compact logic analyzer***
  (6.3 "x 3.75 "x 1.3 ") only 14 oz.
  Works great with laptops or desktops. Easily carried in the field or down the hall.USB interface. Handy carrying bag included.

- ***Deep memory***
  36 Channels ***1 Meg*** *samples/channel*

- ***Flexible Clocking***
  Clock in normal or transitional timing modes. State mode allows for clocking on a single edge or multiple edges and multiplexed busses.

- ***Convenient Setup***
  Single Setup window. Simple setup mode allows the occasional user to get up and running with minimal effort.

- ***Internet accessible***
  The GoLogic may be operated over the internet or any LAN using TCP/IP.

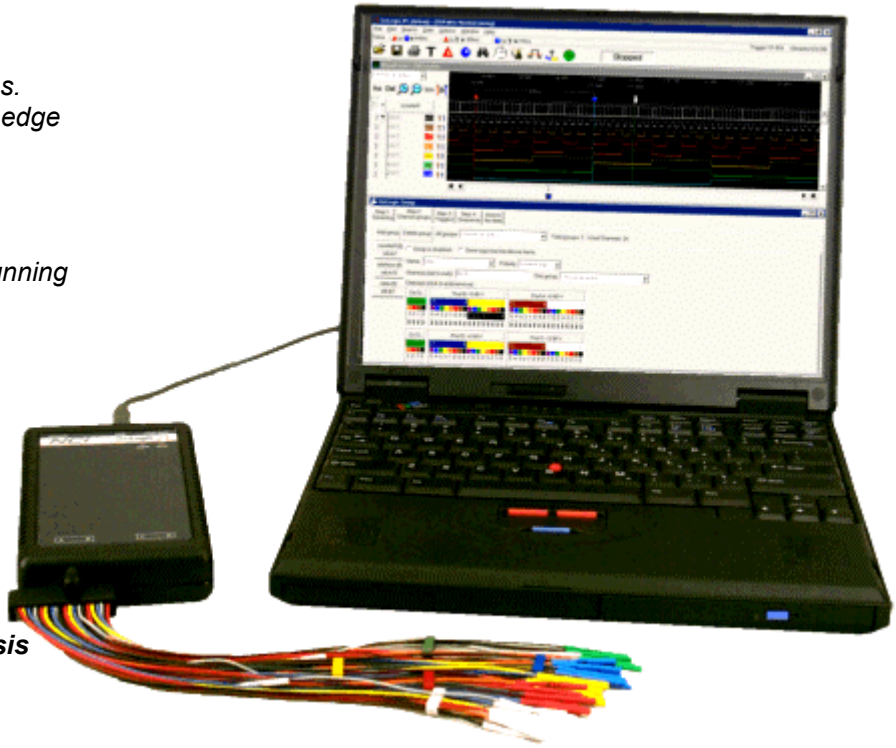
- ***Cost Effective***
  Each engineer can afford to have his own analyzer. Tremendous performance/cost ratio.

- ***Disassemblers and Custom Data Analysis***
  Custom display windows can be created using the Plug-In Development Kit. The softwaredevelopment kit allows for custom applicationsto be developed. Data can be stored to text filesfor analysis by other applications.

- ***View Executed Hi Level Source Code***
  See the execution of your source code in C or other languages. Determine how long your routines are taking to complete.

- ***Extensive Triggering Capabilities***
  Trigger on patterns, edges, or ranges. Store only data of interest. Eight Sequence levels with counters and and timers.

- ***Packed with power***
  36 Channels @ ***500MHz*** *timing*
  35 Channels @ ***125MHz*** *state (synchronous)*



- ***I2C Bus Analysis***
  View up to 1 million I2C packets with time stamps. Trigger on Start, Stop, Addresses, Data, Error conditions.

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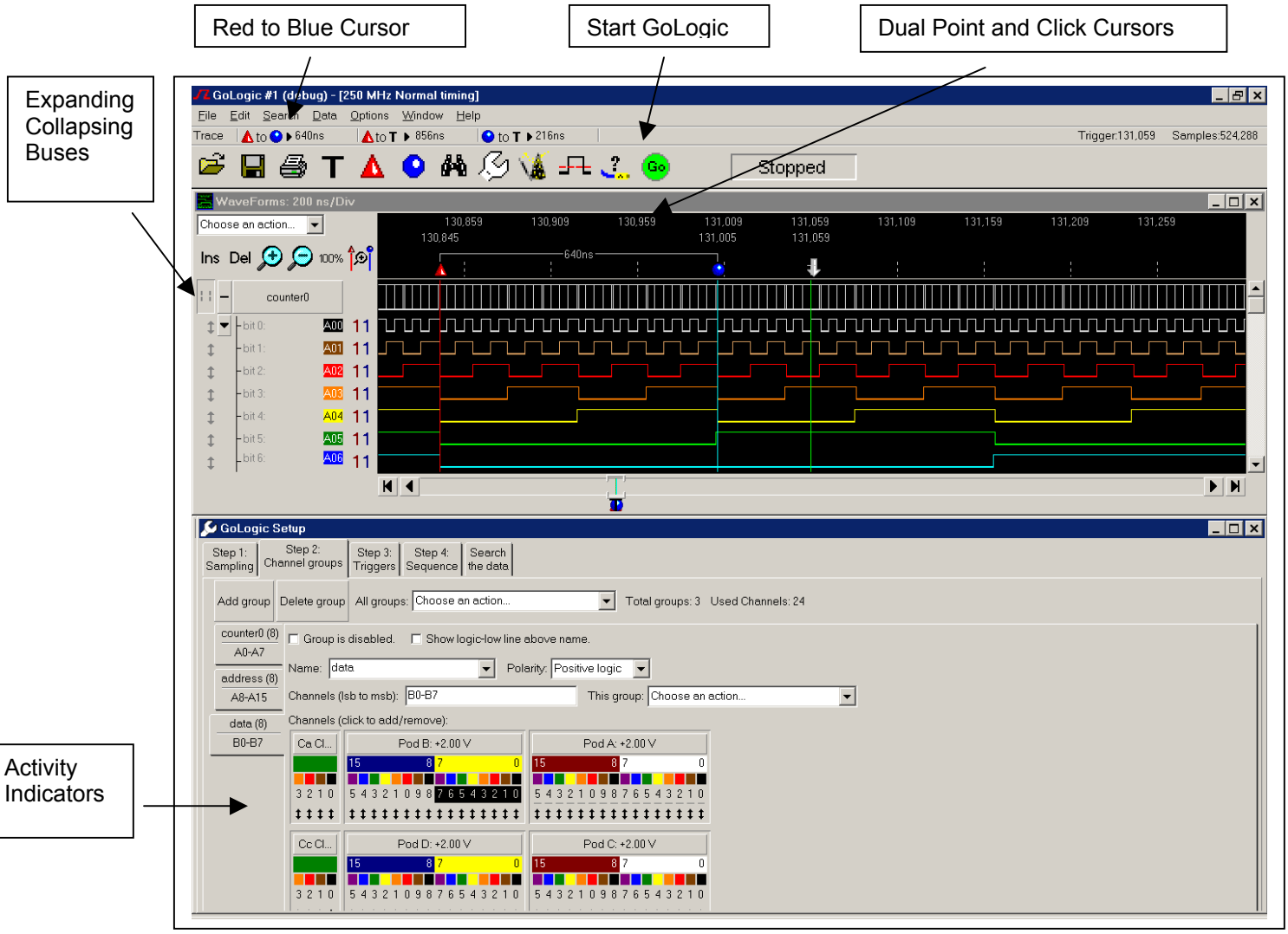

GoLogic Specifications

Trigger patterns	8	Sequence levels	8
Edge detectors	2	Sequence speed	125MHz
Range detectors (32-bits)	2	Counters per level	1 (20Bits)
State Clock Setup/Hold	2/0 ns fixed	Transitional timing resolution	8 ns
Operating temperature	O° to 50°C	Maximum time stamp@125MHZ	34.4 seconds

Input characteristics

Input Resistance	240K	Threshold Range	-4.9V to +5.27V in 40mV steps
Maximum Input Volts	+/-30V	Minimum Input Voltage Swing	600mV peak to peak

- **View scope and analyzer data together**
- **View comparison of trace and reference data**
- **Operates off of a 12V car battery**
- **Trigger scopes from the logic analyzer**

Prices and Specifications subject to change without notice.