GLA-1000 Series is a palm-size PC based logic analyzer with functionality matching that of a desktop device. The maximum 32 channels, 200MHz internal sampling rate, 1Mbits of data memory and advanced trigger settings give user higher accuracy and longer data analysis result. The unique features " Data-loss-less compression " , " Enable Qualifier " and " Serial Bus Protocol Analyzer " provide engineers & professionals with a mean, which can adequately handle today's digital system analysis. The whole captured data and setting of GLA-1000 Series could be saved as various types of files into PC for further data analysis, reporting, and other applications. The USB 2.0 communication between GLA-1000 Series and the PC guarantees the secured data transfer at the maximum speed while providing GLA-1000 Series with power source.

GLA-1000 Series

CE   USB   PC Software

FEATURES

* **32/16 Input Channel**

* **Time Analysis : Up to 200MHz Internal Sampling Rate**

* **State Analysis : Up to 100MHz External Input Clock**

* **Memory Depth : Up to 2Mbits/1Mbits (Half/Full Channels)**

* **Advanced Trigger : Count, Page, Time Delay and Clock Event Delay**

* **Data Compression : Up to 255 Times Data Capture**

* **Enable Qualifier : High/Low Level Enable and Enable Delay Function**

* **Signal Analyzer : I^2C , RS-232C Protocol Analyzer and Signal Statistics**

* **File Export : Signal Data, Operation Setting and Display Image**

* **Manual Trigger Start Button**

* **High-Speed Communication : USB 2.0 (1.1 Compatible)**

* **USB Powered, Without External AC Power**

SPECIFICATIONS			
	GLA-1016	**GLA-1032**	**GLA-1132**
CHANNELS			
	16	32	32
MEMORY TOTAL/PER CHANNEL			
	4Mbits/256kbits	4Mbits/128kbits	32Mbits/1Mbits
INTERFACE			
	USB 2.0 (1.1)		
OPERATING SYSTEM			
	Win98/98SE/Me/2000/XP		
TIMING ANALYSIS			
	Maximum 200MHz		
STATE ANALYSIS			
	0.001Hz ~ 100MHz		
TRIGGER			
Channel	16 (GLA-1016), 32 (GLA-1032/1132)		
Condition	Edge/Pattern		
Pre/Post trigger	0%~100%		
Level	1		
Threshold	+6V ~ -6V		
Accuracy	93mV		
Delay	Time delay, clock event delay		
Count	1 ~ 65535		
Page	Maximum 8191		
INPUT			
Maximum Input Voltage	30V		
Impedance	500k /10pF		
Data Skew	< 1.5ns		
ENABLE QUALIFIER			
Channel	16 (GLA-1016), 32 (GLA-1032/1132)		
Enable Condition	Don't care, Low, High		
Enable Delay	1~65535ms		
DATA			
Compression Channels	16 (GLA-1016), 24 (GLA-1032/1132)		
Compression Ratio	Maximum 255		
Signal Statistics	Postive/Negative, Full cycle within length condition		
Protocol Analyzer	I^2C, RS-232C		
CURRENT CONSUMPTION			
Static	Maximum 200mA		
Working	Maximum 400mA		
POWER DISSIPATION			
Static	Maximum 1W		
Working	Maximum 2W		
POWER			
Interface	USB		
Working voltage	4.5V ~ 5.5V		
DIMENSION & WEIGHT			
137(W) x 39(H) x 102(D) mm ; Approx. 340g			

ORDERING INFORMATION

GLA-1016 16 channels, 256Kbit/channel
GLA-1032 32 channels, 128Kbit/channel
GLA-1132 32 channels, 1Mbit/channel (Long memory)

ACCESSORIES :
User manual x 1 , Carrying Case , Software CD-ROM
Testing Probes - GTL-161 : 16 channel, 25cm (8pin x 2, 2pin x 1, 1pin x 1) for GLA-1016
Testing Gripper - GCP-201 : 20 pcs. signal grippers for GLA-1016
Testing Gripper - GCP-201 x 2 : 40 pcs. signal grippers for GLA-1032/1132
USB Cable - GTL-243 : USB2.0 cable, A-B type

GTL-161 Testing Probes

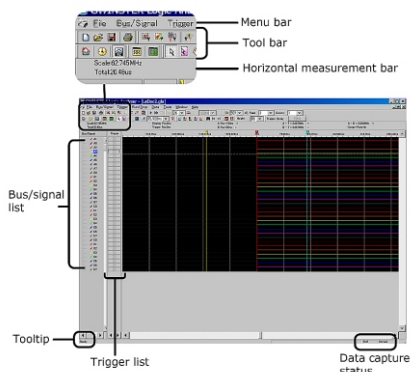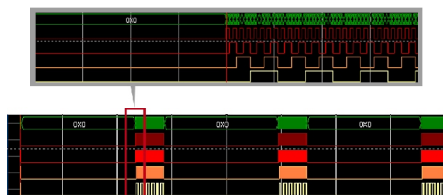16 channel, 25cm (8pin x 2, 2pin x 1, 1pin x 1)
For : GLA-1016

A. Friendly PC Operation with GUI Environment

GCP-201 Testing Gripper

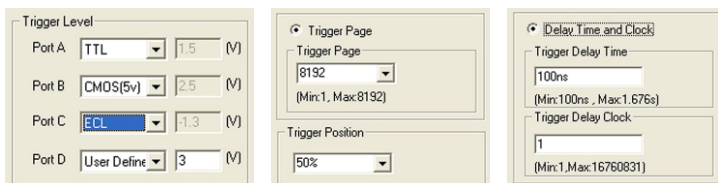20 pcs. signal grippers
For : GLA-1016/1032/1132

B. Losses Data Compression

Up to x 255
Memory Utilization

C. Advance Trigger Functionalities

Level Configuration, Count/Page Delay, Time and Clock Event Delay