



GLZYR-GTIU-M1

Goebel being the world leader in Enhanced ASCB, exclusively offers ASCB raw recording, guaranteed to preserve bus data without requiring Escape data base or configuration information. No longer can you loose flight test data due to human or data base errors. By recording data exactly as seen on the wire the data can be interrogated in the lab with matching data base. Recording starts automatically on power up or under user control.

Our newest addition GLZYR-GTIU-M1 provides a compact analyzer for lab or flight hosting a single PCIe card for one or multiple busses in the case of IP modules.



GLZYR-GTIU-4

Rugged 28v 110v Or 220v powered chassis

Our compact and rugged chassis provides support for the greatest number of bus interfaces in a small form factor. A powerful and full featured hardware/software platform. Accommodates 1, 4 or 6 bus interface cards.

Now with Cockpit Video

Records cockpit video via camera or AGM output. Now you can correlate pilot actions with bus data with precise time synchronization.

PowerGO recording

Records automatically on power up or under laptop operator control. Front panel display provides visibility of recording without requiring laptop.

Goebelyzer software

Goebelyzer software provides access to a wealth of bus interfaces synchronized in time. See all bus data, and now video with time correlation. Now it is easy to see what the pilot actions or display information, accompanies bus data.

TIU software

For users of Honeywell EPIC and APEX platforms, TIU software provides the familiar Honeywell tool set. Honeywell tools interface with Goebel GNIC for enhanced or standard ASCB-D.

Bus interfaces

Chose from the most comprehensive line of bus interfaces in the industry, including Arinc 429 (with data loading), Arinc 664 (with data loading), Arinc 717 QAR/FDR, CAN, Mil-Std-1553, Honeywell Flight Controls IMB/ADB, Analog I/O, Discrete, SpaceWire, DVI-HDMI-SDI video.



GLZYR-GTIU-7

GLZYR-GTIU System configurations

GLZYR-GTIU-M1

- Rugged “laptop” 1-PCIe
- 2.25 x 9 x 15” 9 lb
- 15.6” LED Display
- Intel Core i5 35W processor
- 110-240 VAC
- 500GB SSD
- 32GB Memory
- Wi-Fi, Bluetooth
- Windows 7 Professional or Linux

GLZYR-GTIU-4

- Rugged 4 PCI, 1-PCIe backplane
- Also available with 3 PCI-X, 1 PCIe
- 3.5 x 11 x 13.6” 13.5 lb
- External or VNC display
- Intel Core i7 65W processor
- 28VDC Input, 110-240 60/50 Hz VAC adapter included
- 500GB SSD
- 32GB Memory
- Windows 7 Professional or Linux

GLZYR-GTIU-7

- Rugged 3-PCI-X, 3-PCIe backplane
- 7 x 11 x 13.6” 13.5 lb
- External or VNC display
- 500GB SSD, plus 1TB or 4TB removable recording drive
- 28VDC Input, 110-240 60/50 Hz VAC adapter included
- Weight of 14 lbs for rugged chassis
- Windows + TIU software (ASCB and A429 only) or Goebelyzer/Linux

Part number	PCI slots	Disk	CPU	Memory	Video	LAN	Chassis	Power	Also
GLZYR-GTIU-M1	1 PCIe	1TB SSD	i3-10100t 4-core 35W 3.6 GHZ 6 MB cache	32GB DDR4 2666	15.6” LED, Intel UHD 630 graphics	3 * 1GB LAN + wireless	2.2” x 9” x 15” 9 Lbs	110-220v 50-60 Hz 200W	Rugged carry case
GLZYR-GTIU-4	4 PCI 1 PCIe	500GB SSD system disk, 1TB removable SSD recording disk	4 core i7-10700 2.9-4.7GHz 16MB cache	32GB DDR4 2666	Intel UHD 630 Use external Monitor	2 * 1GB LAN	3.5” x 11” x 13.6” 13.5 Lbs	28v 200W	Optional for 3 PCI-X backplane Rugged carry case
GLZYR-GTIU-7	3 PCI-X 3 PCIe	500GB SSD system disk, 1TB removable SSD recording disk	4 core i7-10700 2.9-4.7GHz 16MB cache	32GB DDR4 2666	Intel UHD 630 Use external Monitor	2 * 1GB LAN	7” x 11” x 13.6” 19.5 Lbs	28v 200W	Rugged carry case

Bus Interface Options

Part number	Description
GLZYR-GTAX	Goebelyzer A664 GXP-1000 with Gtools software including: FIDO, Scripting, Replay, Control Panel.
GLZYR-GTAXE	Goebelyzer A664 GXPE-1000 with Gtools software for EDE Time Manager and End System test.
GLZYR-GTAS	Goebelyzer ASCB-D PCI interface, Gtools/ASCB software including: Record, Playback, Control Panel, TIU server
GLZYR-GTP20	Goebelyzer P2PT20, 20 transformer coupled p2p with breakout, Gtools software including: Scripting, Replay
GLZYR-GT422	Goebelyzer 422/485 four channel. Gtools software including: Capture, Scripting.
GLZYR-GT429-8	Goebelyzer Arinc 429 8 configurable rx/tx channels, Scripting, BusMaster, Passthru, breakout (specify box or panel)
GLZYR-GT429-DL	Goebelyzer Arinc 429 data loader upgrade for GLZYR-GT429-8, includes breakout, discrete control, and loader cable
GLZYR-GT629	Goebelyzer Arinc 629
GLZYR-GT717	Goebelyzer Arinc 717, Gtools software including recorder, decoder.
GLZYR-GT1553	Goebelyzer 1553 2-channel with Breakout, and Gtools software including: capture, scripting, replay
GLZYR-GTSW	Goebelyzer SpaceWire 4 channel with cables, Gtools software including: Goebelyzer capture, scripting, replay
GLZYR-GTADC	Goebelyzer Analog to Digital, with Gtools software including: Capture 20 channel 12 bit, Cable and breakout
GLZYR-GTDSC	Goebelyzer Discrete, configurable input/output, Cable and breakout GLZYR-
GLZYR-GTADC32	Goebelyzer Analog to Digital, with Gtools software including: 32 channel 12 bit MHz waveform capture
GLZYR-GTCAN	Goebelyzer CAN2.0B (Arinc 825) 2 channel, with Gtools software including, Capture, scripting
GLZYR-GTVID4	Goebelyzer Digital Video Input (DVI) with Gtools software including, capture and synchronized playback