

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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EXC-1553PCMCIA/EP

General Specifications
Supports 1553A/B, F-16, McAir
32K x 8 dual-port RAM
Board setup modifiable in real time
Programmable Interrupts
Programmable Time Tag resolution (RT & MON)
Reinforced I/O connector
Loopback mode facilitates 1553 cable testing
Direct or transformer bus coupling

Host Interface
PCMCIA compliance: PCMCIA release 2.1, Flash based CIS table
Memory space occupied: User-programmable
Power: +5V ±5% @ 0.4A (0% duty cycle) @ 0.9A (75% duty cycle)

Physical Characteristics
Mechanical format: 86mm x 54mm x 10mm (PCMCIA type II)
Weight : 100 grams

Operating Environment
Temperature: 0° - 70°C
Humidity: 5% - 90% noncondensing
MTBF: 50,000 hours at 25°C, G_F

Software Support
C Drivers with source code
Merlin+ Windows software for Windows 9*x* / NT/2000

1-800-MIL-1553

Bus Controller
Programmable Intermessage delay
Programmable RT Response Time Out
Programmable Frame Time
Loop and single-shot modes

Remote Terminal
Up to 32 RTs
Selectable Broadcast Mode
Programmable Mode Code Subaddress ID
Programmable Status Word
Programmable RT response time

Bus Monitor
Three operational modes: Fixed-block, Link-list, Look-up Table
Three Storage Modes: Store All, Store Only, Store After
Programmable Triggers and Masks

Ordering Information
EXC-1553PCMCIA/EP	Advanced 1553 Interface for PCMCIA type III
EXC-1553PCMCIA/EPM	Allows Concurrent BC/RT and sequential monitor
EXC-1553PCMCIA/EP-R	With hardwired cable connection
EXC-1553PCMCIA/EPM-R	Ruggedized concurrent BC/RT/sequential monitor
EXC-1553PCMCIA/EP–1760	1760 protocol support

(Available with or without other options)

www.MIL-1553.com

MIL-STD-1553

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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