Artisan Technology Group

Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS
Experienced engineers and technicians on staff at our full-service, in-house repair center

InstraView℠ REMOTE INSPECTION
Remotely inspect equipment before purchasing with our interactive website at ***www.instraview.com*** ↗

WE BUY USED EQUIPMENT
Sell your excess, underutilized, and idle used equipment
We also offer credit for buy-backs and trade-ins
www.artisantg.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?
Visit us on the web at ***www.artisantg.com*** ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisantg.com | www.artisantg.com

KineticSystems

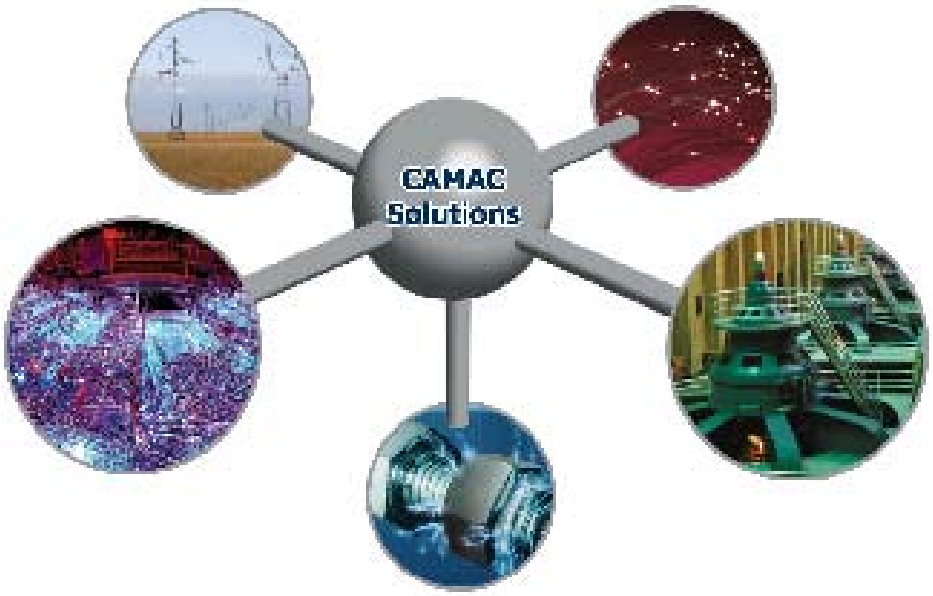
3640

4-channel, Up-Down Presettable Counter

CAMAC Equipment

CAMAC, Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, realtime data acquisition and control system concept.

Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.



The Model 3640 is a single-width CAMAC module containing four presettable, 16-bit, up-down counters.

APPLICATIONS

Stepping motor position monitoring (use with 3362)

General-purpose counting

Limit alarming

Interfacing for incremental shaft encoder

Interfacing for joystick

FEATURES

- TTL-level inputs
- Counting rates from dc to 20 megahertz
- Separate up/down inputs
- Capacity of 65,535 counts per channel
- Ability to series-connect channels to extend capacity to 32 bits
- Overflow and underflow LAM status bits for each channel
- Separate clear command for each channel

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

GENERAL DESCRIPTION

The Model 3640 is a single-width CAMAC module containing four presettable, 16-bit, up-down counters. These counters accept TTL signals at rates from dc to 20 megahertz from either the front-panel LEMO connectors or the printed circuit edge connector.

Each counter can be read as well as written. Counting can be inhibited by Dataway Inhibit or from an external inhibit signal; a front-panel switch enables the Dataway Inhibit. Counters can be individually cleared by Dataway command, and they can be connected in series for increased count capacity.

Each counter has both an overflow and an underflow LAM status bit. The resulting eight LAM status bits can be read and cleared individually or in pairs as the associated counter is cleared. The pattern of LAM status bits is shown below:

The LAM status bits are OR'ed, and a single enable provides for LAM requests to be asserted.

In addition to the eight input LEMO connectors and the two bridged LEMO connectors for external inhibit, the front panel contains a LED indicating LAM requests enabled and a LED indicator for each of the eight LAM status bits.

Inputs are protected for transient up to 50 volts.

POWER REQUIREMENTS

Volts — 1000 mA

WEIGHT

.60 kg. (1 lb. 5 oz.)

ACCESSORIES

Models 5910-Z1A, 5960-Z1A, or 5960-Z1B Mating Connectors

ORDERING INFORMATION

MODEL	DESCRIPTION
3640-L1A	4-channel, Up-Down Presettable Counter

Updated December 14th, 2005

Copyright © 2005 KineticSystems Company, LLC. All rights reserved.

KineticSystems Company, LLC

900 N. State St.
Lockport, IL 60441-2200

Toll-Free (US and Canada):
phone 1-800-DATA NOW
1-800-328-2669

Direct:
phone +1-815-838-0005
fax +1-815-838-4424

Email:
mkt-info@kscorp.com

To find your local sales representative or distributor or to learn more about KineticSystems' products visit:

www.kscorp.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group

Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS
Experienced engineers and technicians on staff at our full-service, in-house repair center

InstraView℠ REMOTE INSPECTION
Remotely inspect equipment before purchasing with our interactive website at ***www.instraview.com*** ↗

WE BUY USED EQUIPMENT
Sell your excess, underutilized, and idle used equipment
We also offer credit for buy-backs and trade-ins
www.artisantg.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?
Visit us on the web at ***www.artisantg.com*** ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisantg.com | www.artisantg.com