

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.

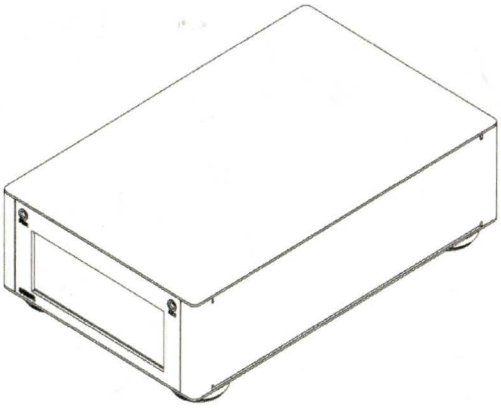
Custom engineering
so your equipment works exactly as you specify.

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

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



GEMR
Gigabit Ethernet Module Receptacle

English
Quick Start Guide R-04

Applicable to Product Version
100-006-417-001

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

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

TABLE OF CONTENTS

GETTING STARTED **4**

- CONTACT US 4
- PRODUCT SPECIFICATIONS 4
- KIT CONTENTS 4

SETTING UP THE GEMR **5**

- FRONT PANEL 5
- REAR PANEL 6

USING THE GEMR **7**

- CONNECTING THE CHASSIS 7
- INSERTING AN EDTC 7
- IP RESET PROCEDURE 8

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

Getting Started

Contact Us

GE Aviation Systems LLC
http://www.geaviation.com

Product Specifications

Spec		
Size	11" L x 7" W x 3.28" H (280 mm x 178 mm x 84 mm)	
Chassis Weight	4.6 lbs. (2.09 kg)	
Operating Temp	+5 to +40 C (+51 to +104 F)	
Storage Temp	-40 to +70 C (-40 to +158 F)	
Power	100/240 VAC 50/60Hz	

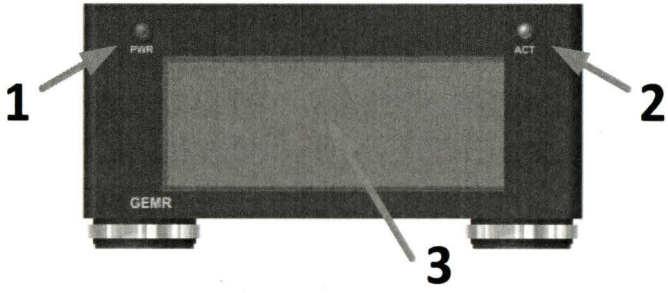
Kit Contents

- **GEMR Chassis**
- **IP Reset Dongle**
- **Power Supply Cable**
- **Quick Start Guide**

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

Setting up the GEMR

Front Panel



1 Power indicator (PWR)

Indicates chassis main power is turned on such that the internal AC-DC power supply is energized. Note that this does not mean the receptacle cartridge interface is energized.

2 Active indicator (ACT)

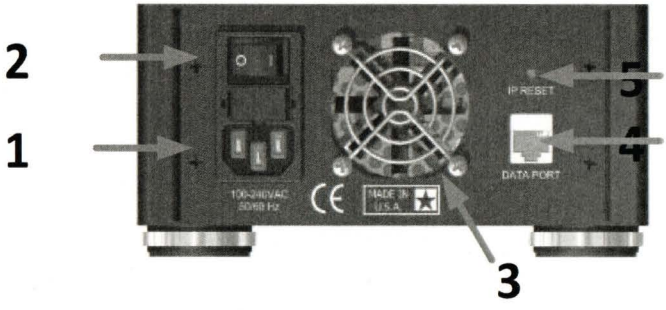
Indicates the receptacle cartridge interface is energized. This indicator is activated when an EDTC is installed into the receptacle and the handle is moved to the closed (up) position.

3 EDTC Slot

Slot to insert the EDTC device.

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

Rear Panel



1 Power Switch

Controls chassis main power. When in "on" position, the internal AC-DC power supply is energized and the receptacle is ready to support an EDTC.

2 Power Connector

Industry standard IEC power cord interface. Connect the power cord to the power connector.

3 Exhaust fan

The exhaust fan must not be obstructed or overheating may result.

4 Data Port

Port used to connect RJ45 Ethernet cable (cross-over cable not required).

NOTE: It is recommended that you use a shielded CAT6 patch cord to connect the GEMR to the network infrastructure.

5 IP Reset

Button used during the IP Reset procedure.

6 Product Label (Not shown)

A product label will be affixed to the rear panel. Do not remove the product label.

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

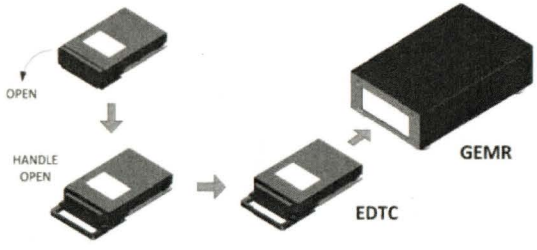
Using the GEMR

Connecting the Chassis

Follow these instructions to connect the chassis:

1. Plug the power cable into the chassis
2. Connect an Ethernet cable to the data port on the back of the chassis.
3. Power on the chassis. The receptacle is immediately ready to accept an EDTC for loading and/or management.

Inserting an EDTC



Follow these instructions to insert an EDTC:

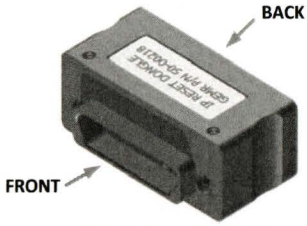
1. Open (down) the handle on the EDTC
2. Hold the EDTC with the top facing up
3. Insert the EDTC into the slot and press firmly to ensure it is fully seated on the mating connector.
4. Close the handle on the EDTC. If the handle does not close, the EDTC is not in all the way
5. Once the handle is closed the Active Indicator will turn on and the EDTC will initialize for access. The Active light will remain on while the EDTC is inserted with the handle in the closed position.

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

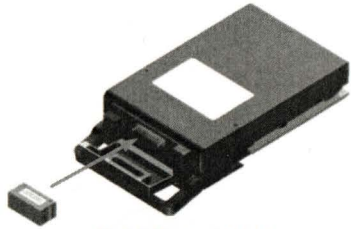
IP Reset Procedure

In the event that the IP address on the EDTC has been changed (default is 192.168.0.2) it may be required to perform a reset procedure. This procedure requires the use of the IP Reset Dongle.

1. Ensure the GEMR main power is on (PWR lamp on)
2. Insert the EDTC and leave the handle in the open (down) position
3. Open front panel on EDTC
4. Attach IP Reset Dongle to the front of the EDTC onto the ground support connector.
5. Press IP Reset button on back of the GEMR chassis
6. The Active light will turn on while processing, wait for light to turn off (approximately 20 secs)
7. Now the default IP has been reset (192.168.0.2)
8. Remove the IP Reset Dongle
9. Close the front panel and handle on the EDTC to resume normal functionality



IP RESET DONGLE



IP RESET DONGLE ATTACHMENT POINT

The IP Reset Dongle is a small plastic device that has a connector on the front that mates with the EDTC ground support connector. The dongle provides the connection necessary to reset the IP address when the IP Reset Button is used to apply power to the EDTC.

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

Notes

Warning:
This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Power Cords:
This device supports universal AC input / full range: 85 - 264VAC @ 47 – 63Hz. The product is sold in a base configuration with a North American AC power cord with the following characteristics: GEMR device side has a 3-prong "PC" power type C13 beveled connector; the wall outlet end has a US type 110-volt outlet connector. For specific country power cords, contact the manufacturer or purchase the needed power cord directly from an international power cord provider. The GEMR device side of you power cord must have a 3-prong "PC" power type C13 beveled connector; the wall outlet end will have the mating connector to match the standard of the country desired. A recommended international power cord provider is DataPro using the link below:
http://www.datapro.net/techinfo/world_power.html

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

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP