

ARTISAN®
TECHNOLOGY GROUP

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

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

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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GLOBAL SATELLITE ENGINEERING

sales@gsat.us : gsat.us



MCG-101

Network your devices anywhere on the globe.

Intelligent Satellite Terminal

An intelligent PBX solution using Iridium to operate as a telephone, Internet portal, GPS device and SMS terminal.

What is the MCG-101?

The MCG-101 was designed as an intelligent PBX solution using Iridium to operate as a telephone, Internet portal, GPS device, and SMS terminal. The core of the MCG-101 is a powerful processor with a complete PBX capable of dynamic call functions, and easy customization via a web interface. You can attach equipment or computers via Ethernet, serial, or Industrial CAN bus. The MCG-101 utilizes the latest digital technology which enables the system to provide clear and true to life audio.

Telephone

You can connect any standard analog telephone directly to the MCG-101 and start using the Iridium network. All of your calls are digitally processed for the best quality.

GPS Tracking

The MCG-101 contains an embedded GPS receiver for GPS tracking, with 20 channels, -159dbm sensitivity, and a 2 meter accuracy.

Wifi

Connect via wifi to enable phone calls directly from your mobile phone.



Markets

Business PBX
Marine
Military
Mining
NGO
Payphone
RUDICS
SBD Applications
SCADA
Tracking

Data Capabilities

Connect to the Internet at 2.4K

Connect to RUDICS for custom applications

Short Burst Data for small messages

Ethernet for automatic dialup

Serial port for legacy modems or applications

MCG-101

Internet/Ethernet

Connecting your computer to the Internet is as simple as plugging it in. Just connect your computer and go online, and the MCG-101 will automatically connect to the Internet for you. You can also configure the MCG-101 via the ethernet port.

USB

USB port for expansion to connect external peripherals.

SIM Card

The MCG-101 has an external SIM card slot which makes installing or changing the SIM card fast and simple.

Voice Capabilities

Connect any standard analog telephone or any SIP capable phone to the MCG-101 and you can start making phone calls. Digital audio processing and ASIC echo cancellation give you the best audio quality, and with Iridium, you can call from anywhere to anywhere in the world.

Customization

The MCG-101 is a fully capable processing platform that can be easily configured for custom call routing, data applications, and special projects. The system features a full PBX that can run an entire office, and run custom software as well. An SDK is available allowing you to develop your own solutions for complex projects. By using the MCG-101 as a standard platform, the development time is shortened, allowing you to deliver finished solutions to your customers fast.

PBX Features

Automated Attendant
Blacklists
Blind Transfer
Call Detail Records
Call Forward
Call Monitoring
Call Parking
Call Queuing
Call Retrieval
Call Routing (DID & ANI)
Call Waiting
Conference Bridging
Database Integration
Dial by Name
Direct Inward System Access
Distinctive Ring
Do Not Disturb
Flexible Extension Logic
Macros
Privacy
Protocol Conversion
Supervised Transfer
Three-way Calling
Transcoding
Voice mail
Visual Indicator for Msg Waiting
Stutter Dial tone for Msg Waiting
Voice mail
Web Voice mail Interface
Graphical Call Manager

DC Input Voltage

12V@ 3A

Dimensions

30 mm x 108 mm x 155 mm
1.18 in x 4.25 in x 6.1 in

Weight

2 lbs

iridium

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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