

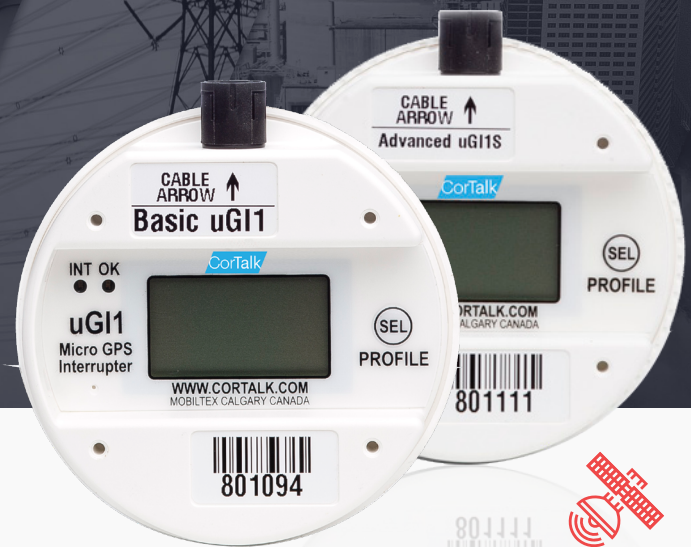
CorTalk® uGI1-B

MICRO GPS CURRENT INTERRUPTER

CorTalk® uGI1-S

REMOTE GPS CURRENT INTERRUPTER

CorTalk
a MOBILTEX brand



uGI1-B [BASIC]: PRECISELY SYNCHRONIZED RECTIFIER INTERRUPTION

Small, powerful and easily installed, the MOBILTEX uGI1-B enables field technicians to quickly equip rectifiers with interruption capabilities during periodic surveys of cathodic protection systems.

These tough, compact devices are designed to provide precise timing, repeatability and control of rectifier interruption and utilize GPS signals to synchronize operation with all uGI1 units. Event data is recorded by the unit and stored until field technicians download it via USB connection.

**EXPAND MONITORING CAPABILITIES
WITH CORTALK SMART RELAYS**



ADVANTAGES OF CORTALK UGI1-B

- **DATA YOU CAN COUNT ON** — Precise timing and event data logging – includes geolocation, interruption activities, interruption faults (fault and load current logging available with optional smart relay).
- **CUSTOMIZABLE SETTINGS** — 10 user configurable interruption profiles can be set with Apple or Android app.
- **RAPID DATA TRANSFER** — Easily download data and upgrade firmware via USB connection.
- **FAST, SIMPLE INSTALLATION** — Compact, weather-proof enclosure with magnetic mounting feet can be installed in minutes.
- **ENGINEERED TO WITHSTAND THE TOUGHEST CONDITIONS** — Lightning, surge and overvoltage protection and broad operating temperature range (-30°F to +158°F (-22°C to +70°C)).

uGI1-S [SATELLITE]: AN EASY UPGRADE FOR REMOTE RECTIFIER INTERRUPTION

Eliminate the need to install portable interrupters at test stations or to physically break bonds between pipelines, foreign rectifiers and structures when performing close interval survey (CIS) activities.

This small, high-performance device combines GPS location with two-way satellite communication to provide precise synchronization, timing accuracy and repeatability for rectifier interruption.

The uGI1-S can be quickly integrated into an area where other CorTalk RMU devices are operating, but is not fully serviced with permanent interruption capabilities. Once active, the uGI1-S device can be configured and controlled by the CorView™ platform to perform rectifier interruption along with other CorTalk devices in the survey area.

FIELD TECHNICIANS CAN USE THE CORVIEW CLOUD-BASED PLATFORM TO WIRELESSLY CONFIGURE AND CONTROL THE UGI1-S FOR RECTIFIER INTERRUPTION.



ADVANTAGES OF CORTALK UGI1-S

- **TAKE CONTROL FROM ANYWHERE** — Two-way satellite transceiver enables remote control via CorView portal for interruption parameters and operation.
- **SPOT PROBLEMS IMMEDIATELY** — Remote alarm reporting of fault conditions to enable rapid response.
- **DATA YOU CAN COUNT ON** — Precise timing and event data logging – includes geolocation, interruption activities, interruption faults (fault and load current logging available with optional smart relay).
- **CUSTOMIZABLE SETTINGS** — 10 user configurable interruption profiles can be set via Bluetooth connection with Apple or Android app.
- **FAST, SIMPLE INSTALLATION** — Compact, weather-proof enclosure with magnetic mounting feet can be installed in minutes temperature range (-30°F to +158°F [-22°C to +70°C]).
- **ENGINEERED TO WITHSTAND THE TOUGHEST CONDITIONS** — Lightning, surge and overvoltage protection and broad operating temperature range (-30°F to +158°F [-22°C to +70°C]).

UG11 SPECIFICATIONS

ENVIRONMENTAL:

Operating Temperature	-20° to +70° C (-4° to +158° F)
Storage Temperature	-40° to +85° C (-40° to +185° F)
Humidity	0 to 100% RH non-condensing
Maximum Altitude	5000 meters above sea level
Pollution Degree	1

POWER:

Operating voltage range	8-52VDC or 6-36VAC
Power	10W watts maximum
Display	Fixed Segment LCD
Timing Accuracy (AC Line Sync Disabled)	+/-0.5 ms
Timing Accuracy (AC Line Sync Enabled)	+8.8/-0.5 ms

PHYSICAL:

Size	83.5 x 79.5 x 30.6 mm (3.3 x 3.12 x 1.2") uGI1 Basic 83.5 x 79.5 x 45.0 mm (3.3 x 3.12 x 1.77") uGI1S Advanced
Weight	100g (0.22 lbs) uGI1 Basic 172g (0.38 lbs) uGI1S Advanced
Enclosure	UV stable, wide temperature polycarbonate

Authorized Reseller

RELAY:

Relay Drive Voltage	6 or 12 volts DC
Relay Drive Current	0.5 Amp maximum
Relay Contact Close Dwell	0-255 ms
Relay Contact Open Dwell	0-255 ms
Relay Contact Type	NO or NC
Relay Type	Solid state or mechanical

PERFORMANCE:

Off Time	100 – 59,900ms in 1ms steps
On Time	100 – 59,900ms in 1ms steps
Cycle Phase Order	Programmable (off first, or on first)
GMT Time-zone Offset	+/- 12 hours
UTC Reference Offset Adjustment	+/-2500ms in 1ms steps
Interruption Profiles	10
Profile Memory	Non-volatile EEPROM
Event Log Memory Size	2,000,000 entries
GPS Receiver	56 or 72-channel u-blox
PC Connection	USB 2.0
Wireless Interface	Bluetooth Smart Ready 4.0
Satellite Transceiver (uGI1S Only)	Iridium SBD9603N module (FCC Q639603N IC 4629A-9603N)

READY TO SPEAK TO ONE OF OUR PRODUCT SPECIALISTS?

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CorView
a **MOBILTEX** brand

CLOUD PLATFORM



MOBILTEX CORVIEW:

POWERFUL VISUALIZATION AND CONTROL — IN ONE PLATFORM

CorView delivers powerful, secure two-way communication capabilities, data storage and reporting for the entire range of MOBILTEX CorTalk remote monitoring devices.

- **INTUITIVE INTERFACE DESIGNED FOR EASE-OF-USE**

The CorView platform is designed for simplicity. Its thoughtfully engineered UI enables key personnel to quickly and easily access the data repository, reporting functions and remote RMU controls with virtually no training.

- **ACCESS ANYWHERE, WITH ANY WEB-ENABLED DEVICE**

All data that is transmitted from the RMU devices is stored in the secure MOBILTEX multi-tenant global database and can be accessed from any location, providing users instant, comprehensive access to all performance data and activities.

- **CREATE DETAILED REPORTS, GRAPHS AND MAPS**

Technicians and managers can easily view and download measurement data, create trending graphs and generate reports. CorView also displays easy-to-read maps that provide near real-time display of system status so technicians can see where CorTalk devices are operating normally, performing interruption activities or experiencing alarm conditions.

- **REMOTELY CONTROL AND UPDATE IN-FIELD DEVICES**

CorView's robust cellular or satellite communication capabilities enable two-way communication with most RMU devices to remotely modify device configurations and to apply software updates and eliminate the need for time-consuming manual system updates.

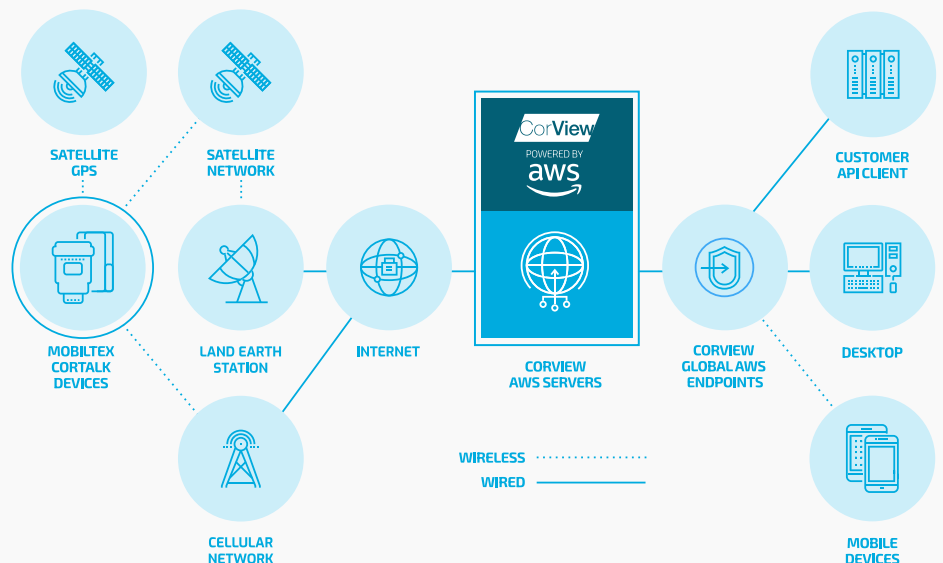
- **NO I.T. OVERHEAD**

The CorView web-based platform is entirely supported by MOBILTEX with automatic updates and enhancements - no updates ever required! AWS [Amazon Web Services] delivers enterprise grade security, scalability, and performance.



CLOUD ACCESS

- 1 DATA ACQUISITION, SECURITY & CONTROL
- 2 VISUALIZATION & ANALYSIS
- 3 REPORTING, ALARMS & COLLABORATION





MOBILTEX.COM

ABOUT MOBILTEX®

At MOBILTEX, technology is just the beginning. We've been leading the industry in cathodic protection monitoring for corrosion prevention on over three hundred thousand of miles of pipelines throughout North America and around the world. That's why pipeline and corrosion engineers across all industries have come to rely on us.

With our innovative engineering, design and manufacturing, we've created dependable IIoT technology that's built smart, built tough, and built to last. Our success comes from thinking like our customers and we always engineer to

effectively solve your unique challenges. We're proud to say we've proven our technology in the harshest, most challenging of environments — time and time again.

But it doesn't stop there, every one of our solutions is backed by our industry leading customer service and support team that's ready to take you from product selection, to the initial set-up, through to our ongoing support.

**THIS IS MOBILTEX.
WE'RE THERE.**



35+ YEARS
OF MONITORING
INNOVATION



300K MILES
OF PIPELINE
MONITORED



~200
MAJOR ORGANIZATIONS
ASSETS PROTECTED



**READY TO SPEAK TO ONE OF
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