

# TWACS® UMT-C

## UNIVERSAL METERING TRANSPONDER—COMMERCIAL

The TWACS UMT-C for commercial and industrial customers provides the utility with remote, two-way access to usage and voltage data.

The UMT-C takes a daily and on-billing cycle snapshot using ANSI C12.19 open protocol to gather meter data. The transponder captures data from up to 32 utility-selected meter registers and can deliver consumption, demand, time-of-use, reactive energy, power factor, Q-hour, apparent power, and voltage readings – typically within 20 seconds of a request.

The UMT-C supports collecting four channels of interval data in 15-, 30- and 60-minute lengths. The unit's expanded memory maintains a minimum of 35 days of interval data, depending on the configuration. For example, a two-channel configuration of 60-minute interval data provides over 160 days of history.

The UMT-C is available for the GE kV2c and Elster A3 Alpha® meters and is also compatible with KYZ outputs and inputs as provided by the meters.



### Each TWACS UMT-C delivers:

#### Outage assessment and restoration

Works with TWACS PROASYS™ to provide timely dispatch of crews and real-time monitoring of service restoration

#### Voltage monitoring

Retrieves phase-voltage measurements from the meter for automatic monitoring that allows troubleshooting from the office

#### Diagnostics and alarms

Checks the meter's diagnostic registers each hour, indicating an alarm on its next response

#### Upgradeability

Supports remote upgrades of transponder firmware

#### Remote reset commands

Schedules remote demand resets to occur on or off the billing cycle date

## TWACS UMT-C Compatible Meters:

### General Electric kV2c

- Single-phase, self-contained kV2c meters in forms 1S, 2S, and 2S CL320
- Polyphase, self-contained meters in forms 12S and 15S/16S, both in Class 200 and Class 320
- Transformer-rated, Class 20 meters in forms 3S, 4S, 8S/9S, 36S, and 45S
- Includes 120V, VT-rated versions
- Works with an optional radio-frequency board to read water, gas, and propane meters through a single module

*NOTE: The TWACS UMT-C transponder can also be accessed using the optical serial port on the GE kV2c. Configuration and testing can be completed without removing the meter cover.*

### Elster A3 ALPHA

- Single-phase, self-contained A3 ALPHA meters in form 1S and 2S, both in Class 200 and Class 320
- Polyphase, self-contained meters in forms 12S and 16S, both in Class 200 and Class 320
- Transformer-rated, Class 20 meters in forms 3S, 4S, 5S/35S, 6S/36S, and 8S/9S/10S
- Includes 120V, VT-rated versions



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