



Telog RS-33

WIRELESS BATTERY-POWERED RTU FOR ABOVE GROUND MONITORING

COLLECT, ANALYZE AND UNDERSTAND YOUR DATA

Collecting, analyzing and understanding data from networks of recording sites is a challenging task. The Telog RS-33 recording system offers you a versatile, economical and comprehensive solution to keep up with the data acquisition demands of today. The Telog RS-33 is a system package so flexible it can be customized for each application to provide you with the information you need in a concise, presentable format.

Communication Options

The power of every 33 series recorder from Trimble Telog is wireless data transfer capability. Using cellular technology enables unmanned monitoring of remote sites as well as instant updates and alarm notifications. The Telog RS-33 systems employ a Telog proprietary, low power m2m cellular modem certified for operation on the Verizon Wireless and Sprint cellular networks in addition to an Ethernet option.

Collecting Data

The Telog RS-33 system is available with any of Telog's R-33xx multichannel data recorders offering up to eight analog, six digital and 16 alarm/event inputs. See individual R-33xx data sheets and the Telogers product brochure for more information.



Packaging

The Telog RS-33 system is packaged in a NEMA 4x hinged lid enclosure with water-tight fittings. The enclosures are available in two sizes, 13"L x 11"W x 6"H [330mm x 279mm x 152mm] or 16"L x 13"W x 7"H [406mm x 279mm x 178mm].

Power Options

The Telog RS-33 systems have low power requirements allowing for a variety of power options. These are utility power with or without battery backup UPS function, solar, external DC or primary battery.

Software Support

Trimble Telog wireless recorders are compatible with all Telog software applications, including Trimble Unity, Telog Enterprise and Telogers for Windows application software. This ensures that utilities have a complete solution addressing all their remote monitoring requirements delivered in a manner that suits each individual utility's operations and IT needs.

Applications Include:

- ▶ Tank level monitoring
- ▶ Pump station performance
- ▶ I&I studies
- ▶ Distribution pressures
- ▶ Rain fall

Benefits

- ▶ Reporting simplified
- ▶ Battery operated
- ▶ Cellular m2m
- ▶ Data backup

Features

Variety of communication options:

- ▶ Cellular
- ▶ Ethernet

Power options:

- ▶ AC with battery backup
- ▶ Battery only
- ▶ Solar with battery

Specifying a Telog RS-33 Recording Telemetry Unit

1. FIRST, SELECT A RECORDER

R-3303	3-channel recorder Three digital input channels
R-3307	7-channel recorder Four analog and three digital input channels
R-3308	8-channel recorder Five analog (one dedicated to ambient temperature) and three digital input channels with pulsed sensor excitation
R-3314	14-channel recorder Eight analog and six digital input channels
R-3330	30-channel recorder Eight analog, six digital and 16 alarm/event input channels

2. NEXT, SELECT A COMMUNICATIONS OPTION

L1v LTE	Category 1 certified Verizon Wireless
L1s LTE	Category 1 certified Sprint
HSPA	High Speed Packet Access
eNET	Ethernet Communication Module

3. SPECIFY A POWER SOURCE

B10A	10-amp-hour alkaline battery pack
B10L	10 amp-hour lithium battery pack
ACP	120 VAC-15VDC plug-in power supply
AC12	120/240 VAC to 12 VDC panel mount power supply
AC12B4	AC to 12 VDC with battery backup
AC24	120/240 VAC to 24 VDC panel mount power supply
S5/4	5 Watt solar power with 4 amp-hour rechargeable battery

No Designation indicates external 12VDC or 24VDC power supply (Customer provided)

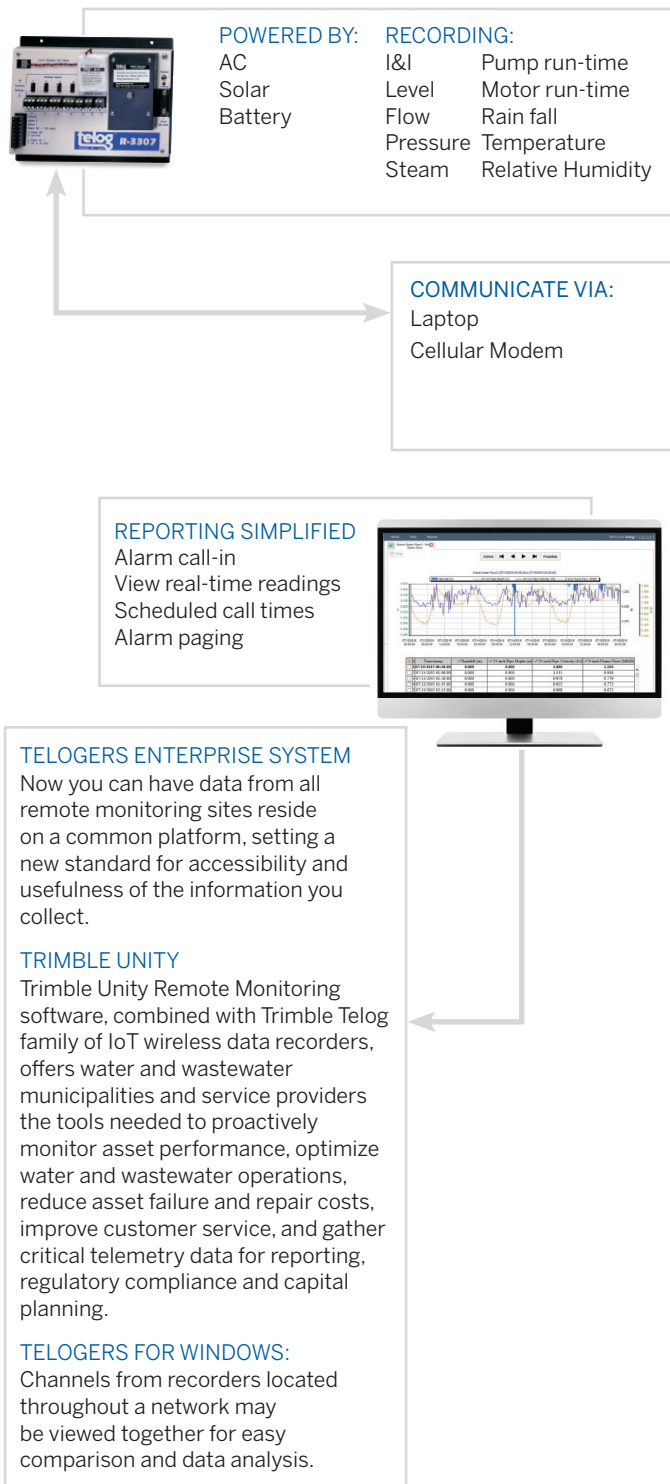
4. ENCLOSURE

E1 Enclosure	NEMA 4x Hinged Lid Enclosure with panel. Nominal size 13"L x 11"W x 6"H [330mm L x 279mm W x 152] water-tight fittings and two bulkhead connectors for local communication and antenna.
E2 Enclosure	Same as E1 except size 16"L x 13"W x 7"H [406mm L x 330mm W x 178mm H].

5. SPECIFY A PRODUCT MODEL NUMBER

RS-33xx-Communications-Enclosure-Power Option
Example: RS-3307-L1V-E1-AC12B4

THE RS-33 RECORDING SYSTEM



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