Telog **HPR-32iA**

WITH TRIMBLE UNITY REMOTE MONITORING

OUT-OF-THE-BOX steps to make a wake-up call to Telog HPR-32iA. Install and configure Telog HPR-32iA with Trimble Unity Remote Monitoring (RM) GIS-based Cloud and mobile software.
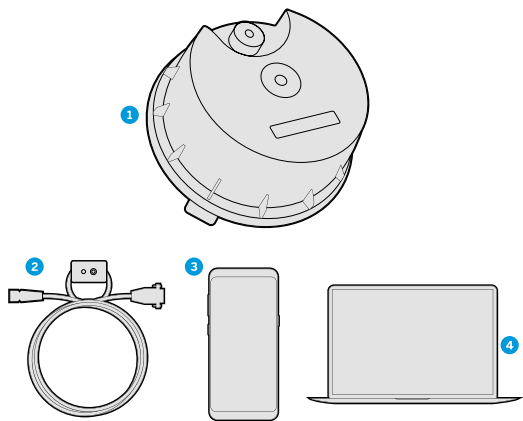
Trimble

Overview

The Telog Hydrant Pressure Recorder (HPR) model HPR-32iA is a wireless, battery-powered pressure recorder that is mounted directly on a hydrant to measure and record water pressure and high-resolution impulse data.

Trimble Unity RM provides the capability to view and analyze pressure data, configure and manage the HPR as well as manage monitoring sites.

Make sure you have an account setup with Trimble Unity RM before installing **Telog HPR-32iA** on a hydrant.

Telog HPR-32iA is shipped in a dormant state, which is why you need to use this Quick Start Guide to make a wake-up call!

Item	Description
1	Telog HPR-32iA
2	Tamper Cable
3	Trimble Unity on mobile device
4	Trimble Unity on desktop / laptop browser

What You Need

- Telog HPR-32iA – Self-contained remote telemetry unit with integrated wireless modem that mounts on a 2.5 inch hydrant hose nozzle outlet.

- Communication/Tamper Switch Cable – Cu-CTS is used to force a call between Telog HPR-32iA and Trimble Unity RM Cloud database. Required equipment – order separately.

- Trimble Unity RM on mobile – install Trimble Unity RM software on a mobile device to provide remote access to HPR-32iA data and configuration from the Cloud.

- Trimble Unity RM on web - access to web on desktop / laptop browser

Before You Start

- Have TELOG HPR-32iA and the Tamper Switch cable on hand.

- Ensure you can log into the Trimble Unity RM web and mobile applications.
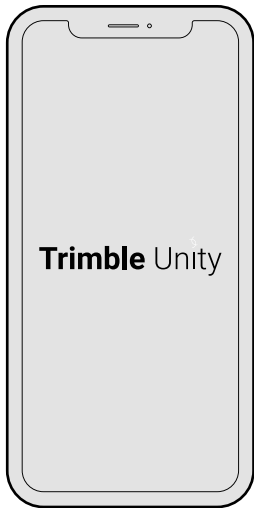

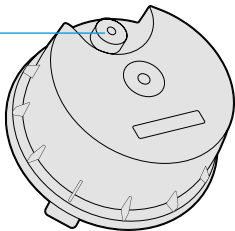## SETUP TELOG HPR-32iA WITH TRIMBLE UNITY RM SOFTWARE
How to Setup a Work Order

1. Using a Chrome web browser, go to https://app.trimbleunity.com/

2. Login to your Trimble Unity RM account.

3. On the **App Selector** screen click on **RTU Installer**.

4. Click the + sign in the bottom right of the screen to create a new Work Order (WO).

5. Fill in the required information. Assign the WO to the crew that will do the installation. Click on **Create**. (Note: you can use a single WO to perform multiple installations.)

Create a New Hydrant Pressure Monitor Site

1. In the field, run the Trimble Unity RM app and log in. On the App Selector screen, click on **RTU Installer**.

2. Click on the icon (upper left of the screen) to display the WO list.

3. Click on the new **WO** to display the Work Order detail screen. Synchronize your device if you don't see the WO.

4. Click on **In Progress**.

5. Click **Install RTU** on the In Progress screen of the RTU installation form.

6. Click the **Yes** button to confirm it is a new site.

7. Enter the type of site, name of the site, RTU Serial No. of the RTU being installed, and the time zone. Optionally fill in other fields.

8. Click **CAPTURE** to identify the location of the new site by **GPS** or **MAP** (using a pin on the map).

9. Click **Install** to create the new monitoring site and associate the RTU with the site. You should receive a confirmation message.
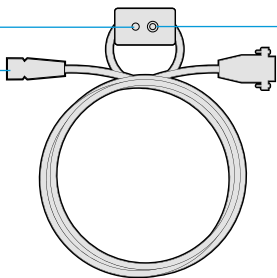
Trimble Unity

Waterproof plug /
Comm port

Tamper LED

Tamper Switch
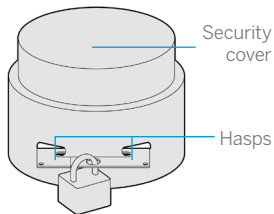
5-pin cable /
Locking collar

Install the RTU in the Field

1. Install **Telog HPR-32iA on the hydrant** using your company's standard operating procedures. (Be sure to flush the hydrant to remove any debris or residual that could block the sensor.)

2. Connect the **Comm/Tamper Switch Cable**:

    a. Unscrew the waterproof plug from the comm port on **Telog HPR-32iA**.

    b. Insert the 5-pin cable into the comm port (align the pin groove with the notch in the port).

    c. Hand-tighten the locking collar.

3. Press and hold the **Tamper Switch** (black box on the cable) for 5 seconds until the **Tamper** LED turns solid red (call in progress). When the call is finished, the LED starts blinking. The **Telog HPR-32iA** will now exit dormant mode and initiate normal operations.

4. When the call has finished, verify if the call was successful by clicking **Verify** in the Unity RM app. If the call was unsuccessful or failed, please attempt another call.

5. Once the call has successfully completed, remove the cable and replace the waterproof plug on the HPR-32iA.

6. Click on the checkmark (upper right corner) to save the installation form for your records. You have completed the wake-up call.

Installing the Security Cover - Optional

1. Place the security cover over the recorder and align the slots with a gap under the recorder.

2. Press the cover down firmly while inserting the narrow arm of the security hasp through the slots in the security cover from one direction and the narrow arm of the other security hasp from the other direction so they overlap.

3. Align the locking holes.

4. Insert a padlock (customer supplied) or other locking device through the hole in both hasps.

Security cover

Hasps

Find more information about the Telog HPR-32iA at trimblewater.com

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