ADS ECHO™

START-UP GUIDE

Make sure you have all the supplies and read all the materials before you begin.
Early steps must be completed BEFORE you attempt to install your ADS ECHO in the field.

✓ SUPPLIES CHECKLIST!

These supplies come in the box with the basic ECHO kit. (Different supplies may be included based on the kit you ordered.)

☐ **ECHO** monitor
(Sim Card Pre-installed)

☐ Hex key (P/N 509063)

☐ **ECHO** Quick Installation Guide (included in box)

Additional supplies to acquire from ADS before setup and installation. Available for purchase on the ADS storefront.

☐ ADS Blue "set-up/activation/reset" magnet (P/N 8000-0460)

☐ Mounting bar (P/N 9000-0070), wall mount (P/N 8000-0484), or steel wall mount (P/N 9000-0097-S)

☐ ADS bluetooth dongle (P/N 9000-0061)

☐ Antenna
(with 12ft (3.66m) cable P/N 9000-094)
(with 3ft (0.91m) cable P/N 9000-096)

Additional general supplies to acquire before field installation.

☐ J-hook
☐ Grade pole
☐ Carpenter's rule or tape measure
☐ Rubber splicing tape

✓ DOWNLOADABLE MATERIALS

Download Software from www.adsenv.com/software-downloads

☐ Download ADS **Q***start*^(*XML*) software
☐ Download bluetooth driver

Documentation Required for Installation

▤ **"ECHO Start-up Guide"** to share this document with co-workers.
▤ **"ECHO Quick Installation Guide"** to refer to while completing the **ECHO** field installation.
▤ **"ADS ECHO Q***start*^(*XML*) **Quick Reference Guide"** to configure and activate the **ECHO** with **Q***start*^(*XML*).
▤ **(optional) "ADS ECHO Installation, Operation, and Maintenance Manual"** for detailed information regarding installation, Intrinsically Safe (IS) certifications and maintenance restrictions.

All digital ECHO Materials on One Convenient webpage

Visit www.adsenv.com/ECHO for quick access to all things **ECHO** in one place. The **ECHO** webpage houses all **ECHO** specific literature, documents, guides, FAQS, and videos.
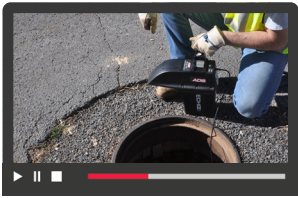
Read Steps 1-6 for Correct Setup, Installation, and Verification

1. INITIAL SETUP

IMPORTANT! Complete A-C before proceding with Configuration and Activation.

A. Activate the pre-installed ADS SIM card. The **ECHO** relies on cellular communication to operate, so activate the SIM card first. Follow the directions in the Initial Set Up section of the **ECHO/Q*start*XML Quick Reference Guide.**

B. Download the ADS **Q*start*XML** software, **ECHO/Q*start*XML** Installation Guide, and the Bluetooth driver from the software downloads page.

C. Install ADS **Q*start*XML** software and Bluetooth driver onto the field computer. **Q*start*XML** must be installed prior to proceeding with steps 2-6. The recommended approach for activating the **ECHO** is using the Bluetooth dongle. Steps for installing the Bluetooth driver and **Q*start*XML** software are in the Initial Set Up section of the ADS **ECHO/ Q*start*XML Quick Reference Guide.**

2. CONFIGURATION AND ACTIVATION

▶ Watch the ADS video "**How to Configure and Activate an ADS ECHO with Q*start*XML**" before beginning Configuration and Activation. It provides detailed steps to correctly configure and activate an **ECHO** monitor.

▤ Read the **ECHO**/**Q*start*XML** Quick Reference Guide section about Configuration and Activation. It details how to Create and Configure the Monitor Location and Activate the Monitor in **Q*start*XML**.

3. ECHO MONITOR INSTALLATION

▶ Watch the ADS video "**How to Install the ADS ECHO Level Monitor.**" It walks you through the equipment needed and the process to install the **ECHO** in the field.

▤ Read the **ECHO** Quick Installation Guide. It is packaged with each **ECHO** monitor. Ensure you have this on-site during field installation to provide easy step-by-step instructions.

✔ **CHECKLIST! Parts and tools required on-site for installation:**

☐ ECHO monitor ☐ Mounting bar or wall mount ☐ Carpenter's rule
☐ Blue magnet ☐ J-hook ☐ Grade pole
☐ Antenna ☐ Rubber splicing tape ☐ **ECHO** Quick Installation Guide (included in box)

4. ANTENNA INSTALLATION

▤ Refer to the **ECHO Quick Installation Guide** for in-manhole installation.

▶ Watch the ADS video "**How to install an antenna for use with ADS Monitors"** for a walkthrough of outside the manhole antenna installation.

▤ For in-depth installation instructions, refer to the **ADS ECHO Installation, Operation, and Maintenance Manual, Chapter 3.**

5. FINAL CONFIGURATION

You are almost there! – Once the **ECHO** is installed in manhole, there are a few Final Configuration steps to complete the installation. Follow the steps outlined in the Final Configuration and Verification section of the **ADS ECHO/Q*start*XML Quick Reference Guide**.

6. VERIFICATION AND STATUS CHECK

It is recommended that wireless communication be verified upon installation of the monitor. Once the **ECHO** is confirmed to be properly communicating with your network, you can start using **ECHO** in remote monitoring.

For Further Assistance
Email adssupportcenter@idexcorp.com
Call 1-877-237-9585

ADS®
www.adsenv.com/echo