

Field Data Collection

Purpose Built for Corrosion Prevention and Control



Part of the [PCS Field Integration](#) suite of hardware and software solutions, PCS Field Data Collector enables you to perform annual, periodic, DCVG, and close interval surveys, and validate inspection data in real time. Available for Android devices on Google Play, Allegro AX Field Data PC via the American Innovations Support Site, Apple iOS devices on the App Store, and Windows devices via the American Innovations Support Site.

Visualize survey routes with maps, and quickly identify and troubleshoot problems. Continuous improvements make it easy to stay ahead of survey demands.

Integrate seamlessly with the DVM2130 or DVM1110 digital voltmeters, built specifically for the cathodic protection industry.

Sync surveys [wirelessly](#) using PCS Wireless Sync, American Innovations' SOC2-Compliant cloud integration technology.

Device and Software Requirements

- ✓ [Mesa Android Rugged Tablet](#) with DVM2130 digital voltmeter. Supports Android 11 and 14.
- ✓ Apple devices: iOS version 16 or above for certain iPads. Optimized for use with the DVM2130 digital voltmeter.
- ✓ PCS 2.2 or newer and PCS Survey Manager, if using PCS Wireless Sync
- ✓ Windows devices: Mesa Windows Rugged Tablet or Windows devices running Windows 11. Optimized for use with the DVM2130 digital voltmeter
- ✓ [Allegro AX Field Data PC](#) with DVM1110 digital voltmeter

PCS FIELD DATA COLLECTOR REQUIREMENTS

DVM2310 TECHNICAL SPECIFICATIONS

Working Voltage (DC)	250 V max. on primary input 500 mV max. on shunt input*	GPS	Internal GNSS (GPS, GLONASS, Galileo, BeiDou)
Working Voltage (AC)	175 V max. on primary input 350 mV max. on shunt input*	Connectivity	USB-C, Bluetooth v5
Input Impedance	100 M Ω on primary input 100 k Ω on shunt input*	Battery	Rechargeable Li-Ion via USB-C, 10-hour battery life
Measurement Category	CAT II 250V	Weight	4.8 oz
		Dimensions	2.94" x 4.44" x 1.5"

*This input has a range and impedance specially designed for measuring shunts more accurately

FREQUENTLY ASKED QUESTIONS (FAQs)

Where can I find more information?

Contact customer support via phone (800-229-3404) or email (support@aiworldwide.com) or your sales representative or the American Innovations Support Site (support.aiworldwide.com).

Where can I download new versions of the PCS Field Data Collector software?

- ✓ Mesa Android Rugged Tablet users: download from the [Google Play Store](#)
- ✓ Allegro AX Field Data PC users: download from the [American Innovations Support Site](#)
- ✓ Apple device users: download from the [Apple App Store](#)
- ✓ Windows users: download from the [American Innovations Support Site](#)

Do I need an internet connection to use the PCS Field Data Collector software?

An internet connection is needed for initial login to the software, but typical use of the software does not require an internet connection.

How frequently do I need to reauthenticate my login credentials for the PCS Field Data Collector software?

After logging in initially, users need to reauthenticate every 90 days with an active internet connection.

NOTES. The DVM2130 and DVM1110 digital voltmeters have an IP67 rating for moisture and dust protection, operating temperature range of -4° F to 122° F (-20° C to 50° C), and storage temperature range of -22° F to 158° F (-30° C to 70° C). Refer to your host device documentation for additional environmental specifications/ratings.

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Product Training & Enablement

Scan the QR code to access PCS FDC training content



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