



Allegro
Field Data PC

Allegro v7.1.2

Release History

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Part No. 122125-000

Revised February 2019

Allegro Improvements

Updates and Improvements in Allegro

American Innovations is committed to continuously improving our Allegro software through feature enhancements and upgrades. For questions or additional information, contact AI Technical Support at techservices@aiworldwide.com

Allegro 7.1.2 Updates

Major Enhancements

Improved Connectivity with PCS

For users who lost the ability to connect the Allegro to PCS after Windows 10 Updates occurred, the 7.1.2 upgrade offers a new solution. The Allegro can now connect to a computer to transfer files and interact with PCS without relying on Windows Mobile Device Center. The new version of our Allegro software leverages industry standard SMB technology to provide the same *Field Computer Send/Receive* functionality to which you are accustomed.

Allegro 7.1.1 Updates

Major Enhancements

Compatibility with Microsensys RFID Pen

With version 7.1.1, Allegro field computers now integrate with the Microsensys RFID pen. This pen comes with increased performance and a better experience reading tags compared to previous pens. Once the new RFID pen has been paired with the Allegro, open the *Periodic Survey* application and open **Options**, found in the View menu. Select the Microsensys pen and its associated COM port in the RFID tab.

Improved Performance and Miscellaneous Updates

Several updates were made in Allegro 7.1.1 to improve performance and reliability, including:

- Included serial numbers and calibration dates for the DVM and Allegro devices in the survey files to provide traceability to the source of the survey data. The DVM calibration dates can also be accessed from the Allegro applications' *About* screens.
- Improved validation of input fields in the DCVG application.
- Improved resolution at voltages below $\pm 4.5\text{V}$. This improvement enhances the already designed hardware on the DVM and allows for more accurate measurements at these lower voltages.
- Ensured the *Find* settings persist when switching between survey files, including the list of records found and the most recent record in the list to be reviewed.
- Displayed previous values of dropdown picklist items, when available.
- Made general UI improvements to reduce the number of messages that must be acknowledged by the user, reduce clutter in the Find window of the Periodic Survey application when search fields were not sent, and clarify functionality of the copy buttons in the DVM application.
- Ensured timed readings automatically resume after an autosave occurs in the CeCi application.
- Increased the maximum allowed time duration of the DVM graph to five minutes.
- Allowed the upper and lower limits in the DVM graph to differ by as little as .001 to show more detail in the DVM graph.
- Further improved the Allegro's integration with GPS functionality by displaying the correct number of satellites detected when an external GPS is used, providing a cleaner display in *Periodic Survey* when GPS coordinates are not provided, and improving logic for clearing GPS location in CeCi and DCVG applications to reduce the number of records with missing GPS coordinates.

Allegro 7.1 Updates

Your Allegro software must be updated to version 7.0 or newer if you intend to use it with PCS version 1.13 or newer.

Improved Performance and Miscellaneous Updates

Several updates were made in Allegro 7.1 to improve performance and reliability, including:

- Included serial numbers and calibration dates for the DVM and Allegro devices in the survey files to provide traceability to the source of the survey data. The DVM calibration dates can

also be accessed from the Allegro applications' *About* screens.

- Improved validation of input fields in the DCVG application.
- Ensured the *Find* settings persist when switching between survey files, including the list of records found and the most recent record in the list to be reviewed.
- Made general UI improvements to reduce the number of messages that must be acknowledged by the user, reduce clutter in the *Find* window of the Periodic Survey application when search fields were not sent, and clarify functionality of the copy buttons in the DVM application.
- Ensured timed readings automatically resume after an autosave occurs in the CeCi application.
- Further improved the Allegro's integration with GPS functionality by displaying the correct number of satellites detected when an external GPS is used, providing a cleaner display in Periodic Survey when GPS coordinates are not provided, improved logic for clearing GPS location in CeCi and DCVG applications to reduce the number of records with missing GPS coordinates.

Allegro 7.0 Updates

Your Allegro software must be updated to version 7.0 if you intend to use it with PCS version 1.13 or newer.

Major Enhancements

Image Management (QX only)

The Image Management feature in Allegro version 7.0 allows you to use the camera on the Allegro to take pictures that support inspection and maintenance fields for a facility. These images can be transferred to and viewed in PCS 1.13 or newer. For more information about image management, refer to [Periodic Survey](#) in the [Allegro User Guide](#).

Improved Performance and Miscellaneous Updates

Several updates were made in Allegro 7.1 to improve performance and reliability, including:

- Included serial numbers and calibration dates for the DVM and Allegro devices in the survey files to provide traceability to the source of the survey data. The DVM calibration dates can also be accessed from the Allegro applications' *About* screens.
- Improved validation of input fields in the DCVG application.

- Ensured the *Find* settings persist when switching between survey files, including the list of records found and the most recent record in the list to be reviewed.
- Made general UI improvements to reduce the number of messages that must be acknowledged by the user, reduce clutter in the *Find* window of the Periodic Survey application when search fields were not sent, and clarify functionality of the copy buttons in the DVM application.
- Ensured timed readings automatically resume after an autosave occurs in the CeCi application.
- Further improved the Allegro's integration with GPS functionality by displaying the correct number of satellites detected when an external GPS is used, providing a cleaner display in Periodic Survey when GPS coordinates are not provided, improved logic for clearing GPS location in CeCi and DCVG applications to reduce the number of records with missing GPS coordinates.

Allegro 6.1.1 Updates

Improved Performance and Miscellaneous Updates

This update to the Allegro resolves potentially incorrect Comm Port and Baudrate settings for the RFID and GPS tabs in all American Innovations applications. The RFID settings are updated to COM9 with a Baudrate of 9600 and GPS default settings are defined as COM8 with a Baudrate of 115200.

Allegro 6.1 Updates

Major Enhancements

Periodic Survey

The following features were added to the Periodic Survey application to aid in navigating between survey files:

- **Recently Opened Files** — The Periodic Survey application now remembers the last three files that have been opened and lists them in the *File* menu for easy access. To reopen a file, tap **File** and tap the name of the file you wish to open.
- **Last Sort Selected** — The Periodic Survey application will remember what sort options you had selected when you closed the survey file. The next time you open the survey file, those same sort options will remain selected.

- **Last Viewed Record** — The Periodic Survey application also remembers which record you were looking at when you closed the survey file and will open the survey file to the record you last viewed.

The following features were added to the Periodic Survey application to aid in navigating between survey records:

- **Selectable Sorting Themes** — If multiple sort themes were included in prompt theme sent to the Allegro, you can now change the sort order of the sites while using the field computer. If, for example, `Address (Odd/Even)` sorts were included in the collection of the sort themes sent to the Allegro, you can now complete surveys without having to cross the road after each site.
- **Find a Survey Record** — The Periodic Survey application now allows you to search for a record that contains specific text and specify exactly where within a survey record you want that text to be found. The fields that are searchable on the Allegro are defined in the prompt sent to the Allegro.

IMPORTANT: To use these new navigation features, the prompt definitions sent to the Allegro must include Selectable Sorting Themes, Searchable Fields, and an Address (Odd/Even) sort. These prompt definitions are available in PCS versions 1.11.1 and 7.7.1 or newer.

Refer to the [PCS User Guide](#) (see the *Working with Themes and Filter Groups* section in the *Field Computer* chapter) for more information about creating prompt themes for the field computer.
