

Echoflex Solutions Release Note

Elaho DualTech Switch-mount Occupancy Sensor

Product Line: Elaho DualTech Switch-mount Occupancy Sensor

Description: Version 3.3.4 Software

**Elaho DualTech Switch-mount Occupancy Sensor
Components**

| | |
|----------------|-----------|
| Elaho Software | 3.3.4.950 |
| Echo Protocol | 3.3.4.950 |

Effective Date: 2021-04-29

Purpose

This release incorporates improvements from newer Echo Protocol versions.

For any questions relating to the contents of this release or the behavior of this software, please contact Echoflex Solutions using the information at the bottom of this page.

Availability

This firmware is currently available in new shipping units. DualTech Switch-mount Occupancy Sensors are each labeled with the application version number (e.g., v3.3.4) for visual indication of the installed Echo Protocol version.

Documentation

Current documentation for the Elaho DualTech Switch-mount Occupancy Sensor includes the *Elaho DualTech Switch-mount Occupancy Sensor Installation Guide*, the ElahoAccess Mobile App integrated help, and the *ElahoAccess Application Quick Guide*.

Please keep this release note with your installation guide for descriptions of the newest features, changes, and bug fixes. Manuals are in portable document format (pdf) and are available for download at echoflexsolutions.com.

Additional support documentation can be found at support.etconnect.com.

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Compatibility

For questions regarding compatibility, please contact Echoflex Solutions Technical Services.

Compatible Elaho Products

This release is interoperable with the following Elaho hardware and software/firmware:

| Product | Earliest Device Compatibility | Optimal Feature Compatibility |
|---|-------------------------------|-------------------------------|
| ElahoAccess App-iOS | v1.0.0 | v3.3.1 |
| ElahoAccess App-Android | v1.0.0 | v3.3.0 |
| ElahoAccess Interface | v1.0.0 | v3.3.4 |
| Elaho Expansion Bridge | v1.0.0 | v3.3.4 |
| Elaho BACnet Interface | v3.0.0 | v3.3.4 |
| Elaho Integration Interface | v3.3.1 | v3.3.4 |
| ElahoTouch | v3.0.0 | v3.1.0 |
| Elaho DMX Scene Controller | v1.0.0 | v3.3.4 |
| Elaho-Echoflex Interface | v1.0.0 | v3.3.4 |
| Elaho Contact Input Interface | v1.0.0 | v3.3.4 |
| Elaho Contact Output Interface | v1.0.0 | v3.3.4 |
| Elaho Demand Response Interface | v2.0.0 | v3.3.4 |
| Elaho Responsive Controls | v1.0.0 | v3.3.4 |
| Elaho Dual Tech Occupancy and Vacancy Sensors | v1.0.0 | v3.3.4 |
| Elaho Dual Tech Switch-mount Occupancy Sensor | v1.0.0 | v3.3.4 |
| Elaho Room Controller - Gen2 | v1.0.0 | v3.3.4 |
| Elaho Zone Controllers - Gen2 | v1.0.0 | v3.3.4 |
| Elaho Inspire Stations | v3.0.0 | v3.3.4 |
| Elaho Keyswitch Stations | v3.2.0 | v3.3.4 |
| Elaho TimeClock | v1.0.0 | v3.3.4 |
| Elaho Preset Stations | v3.0.0 | v3.3.4 |
| Elaho Relay Panels | v1.0.0 | v3.1.2 |

Key Enhancements in v3.3.4

- Incorporates improvements from newer Echo Protocol versions

Key Enhancements in v1.1.1

- Bug fixes

Key Enhancements in v1.1.0

- Support for Multi Space control features, configurable in the EchoAccess Mobile App
- Bug fix

Initial Features in v1.0.0

- Wall- and ceiling-mount models available in occupancy or vacanc.
- Uses passive infrared and acoustic detection technologies
- Thirty-second grace timer
- Supports walk test function for coverage confirmation

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- Multiple lens coverage options available
- Available in various color options. See the product datasheet for more information

Installation Instructions

This software is installed on new Elaho DualTech Switch-mount Occupancy Sensors as they are shipped from the factory and does not require update before use.

Issues Corrected in v3.3.4

None: Incorporates improvements from newer Echo Protocol versions

Known Issues Remaining in v3.3.4

None

Issues Corrected in Echo Protocol v3.3.4

EC-47203 Implement Echo Bus communication efficiency reporting

Issues Corrected in Echo Protocol v3.3.1

EC-47110 Active status indication can occasionally blink off on busy EchoConnect bus

Issues Corrected in Echo Protocol v3.3.0

EC-45338 Bus ID does not re-arbitrate if self powered device loses and later regains bus connectivity while remaining powered

Known Issues Remaining in Echo Protocol v3.3.4

- EC-47116 Space Toggle button on Inspire station not affected by level of ET channel not patched to zone
- EC-47111 Zone/Preset/Sequence status can "flutter" very occasionally due to a receiving host timer rollover
- EC-47077 Multispace off button occasionally flashes on when sequence is still playing
- EC-47074 Off actions using timing from an active preset rather than the 2 second standard
- EC-47070 Mobile app shows sequences active for sequences 2-4, not just 1
- EC-47063 Multispace hosts maintain preset status in previously-patched spaces
- EC-46888 Late joining occupancy sensor controls will assert their configured occupancy action even if associated group was already in occupied state
- EC-45629 Hold event configured with fade time for "set to color" actions fades intensity on hold
- EC-45596 Differing space/zone levels across bridge segments causes station indication to bounce between values
- EC-45462 "Uncombine All" may not uncombine all combined spaces on full Echo bus.
- EC-45202 Editing spaces affected by a Demand Response input momentarily sets spaces to false during true condition
- EC-44495 Products with Power on behavior can show active zone levels and activated Off status at same time
- EC-44432 Manual control from non native space does not trigger occupancy when occupancy action is multi-space
- EC-44154 Occupancy groups, vacancy inhibit, and photo inhibit do not support all spaces of a multi-space action
- EC-43350 Accessing the Config page on multiple simultaneous mobile app connections causes duplicate devices to be listed
- EC-43262 Vacancy action Preset activate can be missed after a grace restore has been triggered due to support for older Occupancy sensors
- EC-43138 On occasion large batches of patch config messages can fail to transmit correctly resulting in skipped addresses
- EC-43020 When two presets are active in the same space, preset indication toggles between both presets
- EC-42572 Unable to toggle sequence off from combined space that does not possess a sequence enabled output product
- EC-42401 Space Combine Toggle won't uncombine spaces without any host output products

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Known Issues Remaining in Echo Protocol v3.3.4 (cont.)

- EC-38851 Late joining bridge results in oscillating mismatched Zone values if different segments have different values for same zones
- EC-38839 Late joining bridge results in oscillating mismatched statuses if different segments have different status for same spaces
- EC-38694 Zone status does not zero out after last output product for that zone changes to new space
- EC-35126 Space toggle when Zones are not at full sets Zones to 0 rather than all at full
- EC-34543 Sequence indicator toggles state rapidly when output device with sequence active late joins Echo bus with output device that has inactive sequence
- EC-28417 Station activity during sync period following connection of late joining output product incorrectly does not cause LED chase