



Where Automation Connects.



## ELXM-SW6

ProLinx Edge™ Mini  
802.11a, b, g, n, ac, ax

January 30, 2026

## RELEASE NOTES

## Your Feedback Please

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ELXM-SW6 Release Notes  
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# 1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the ELXM-SW6.

## 1.1 Special Notes

This section contains information regarding special procedures and potential limitations that may be required for this release.

## 1.2 About the ProLinx Edge™ Mini Products

Model	Standards	Maximum Output Power
ELXM-SW6	IEEE 802.11a/b/g/n/ac/ax	20 dBm (100 mW)

The ELXM-SW6 dual-band 802.11 Industrial Client is a high-speed wireless Ethernet radio operating at speeds up to 1020 Mbps. Designed for industrial installations, the ELXM-SW6 series offer many features including hazardous location certifications, IGMP Snooping, OFDM for noise immunity, QoS, VLANs, Enterprise security, automatic parent selection for self-healing, Ethernet/IP and SNMPv2 for remote diagnostics, extended temperature, high vibration/shock and DIN-rail or panel mounting.

## 1.3 Release Enhancements

Release Version	Release Date	Description
ELXM_v0042B	26-Nov-2025	<p><b>Features/Improvements</b></p> <ul style="list-style-type: none"> <li>Added support for new Watertight ELXM-EW6 model.</li> <li>Allows either model to accept a Configuration file that is extracted from the other.</li> </ul> <p><b>Resolved issues from ELXM_v0042:</b></p> <ul style="list-style-type: none"> <li>Resolved issue around background scanning that would cause the ELXM-EW6 to stop communicating</li> </ul>
ELXM_v0042A	21-Apr-2025	<p><b>Features/Improvements</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Resolved issues from ELXM_v0042:</b></p> <ul style="list-style-type: none"> <li>The link mode was incorrectly displayed as <b>802.11ac</b> instead of <b>802.11ax</b> on the ELXM main web page when in the 2.4 GHz band.</li> <li>Resolved issue when receiving an AMSDU with more than two MSDUs in it. The sequence numbering of intermediate MSDUs was being incorrectly interpreted.</li> <li>Now limits the maximum Rx Block Ack window reported to the associated Access Point to <b>64</b>, to match that configured into the radio card firmware.</li> </ul>
ELXM_v0042	18-Mar-2025	<p><b>Features/Improvements</b></p> <ul style="list-style-type: none"> <li>Added full support for all 802.11ac and 802.11ax Tx Rates with either 1 or 2 streams.</li> <li>Added support for 40MHz and 80MHz channel widths.</li> <li>Added support for SRD channels (149-165) in ELXM-SW6-E model.</li> <li>Added a new startup syslog event with more information about the device (name, model, firmware version, config signatures).</li> <li>Added the new LED patterns being requested by the IH Browser to un-commissioned or unmanaged units.</li> </ul> <p><b>Resolved issues from ELXM_v0041:</b></p> <ul style="list-style-type: none"> <li>Now detects and handles event log entries that were not preserved across a power cycle.</li> <li>Now ensures that the ELXM, when in Client mode, always adopts its Tx Power setting from advertised value in its APs Beacon.</li> <li>Ensures response to IH Browser's Software Module Signature request has valid signatures for all modules.</li> <li>Corrects how the <i>Config_Files</i> and <i>OS_Files</i> Signatures reported in the EIP agent and serial log are calculated.</li> <li>Now does not revert to factory defaults if the <b>Reset to User Defaults</b> web button is pressed and no User Defaults were saved in the unit.</li> <li>Tx Attenuation control now attenuates independently of the max regulatory power allowed on a channel.</li> <li>Removed unsupported WEP options from web settings.</li> <li>Removed variables that are not supported by ELXM from settings template provided to IH Browser so they do not display.</li> <li>Limits passphrase to 63 characters.</li> </ul>

## 2 Support, Service & Warranty

### 2.1 Contacting Technical Support

ProSoft Technology, Inc. is committed to providing the most efficient and effective support possible. Before calling, please gather the following information to assist in expediting this process:

- 1 Product Version Number
- 2 System architecture
- 3 Network details

If the issue is hardware related, we will also need information regarding:

- 1 Module configuration and associated ladder files, if any
- 2 Module operation and any unusual behavior
- 3 Configuration/Debug status information
- 4 LED patterns
- 5 Details about the interfaced serial, Ethernet or Fieldbus devices

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For additional ProSoft Technology contacts in your area, please see:

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### 2.2 Warranty Information

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