

# **FIRMWARE RELEASE ESTEEM HORIZON**

## **VERSION 202410291203**

**Released 11/04/2024**

### **1. New Features**

- Added/Changed debug messages for easier customer understanding
- Changed background memory allocation

### **2. Bug Fixes**

- Fixed "Show SSID" option not changing correctly
- Fixed Serial Port not displaying correctly configured IP Addresses

## **VERSION 202405311054**

**Released 06/05/2024**

### **1. Bug Fixes**

- Fixed Admin password not allowing ASCII characters

## **VERSION 202405101022**

**Released 05/13/2024**

### **1. New Features**

- Redesigned Setup UI and added dynamic options in setup
- Added new Mode of Operation "Rapid Ready Link"
- Added SNMP
- Added Passive Scanning to station modes
- Added ACL to station modes
- Added Probe Request Disable to station modes

### **2. Bug Fixes**

- Fixed Horizon 900 frequency reporting incorrectly in ModbusTCP
- Fixed various background packet capture handling

## VERSION 202306260923

**Released 07/10/2023**

### 1. New Features

- Added "Static Peer" option to peer configuration
- Added ability to disable beacons and beacon responses
- Added STP blocking features to ethernet ports
- Added "Batch Acknowledgement Disable" option to peer configuration
- Added more STP modes to Advanced Settings for compatibility with older networks
- Changed wording of "Max Distance" to "Distance Delay" for feature clarity.

## VERSION 202208101311

**Released 08/15/2022**

### 1. New Features

- Made default Admin passwords unique to each radio
  - The password is now changed when the radio is factory defaulted
- Added RSSI Thresholds to peers
  - This allows you to bring links up and down based on RSSI levels and packet loss
- Added IGMP Snooping to Bridge modes
- Added configurable antenna options to setup (single or dual antennas)

### 2. Bug Fixes

- Fixed Horizon 900 frequency reporting incorrectly in ModbusTCP
- Fixed various background packet capture handling

## VERSION 202112031127

**Released 12/21/2021**

### 1. New Features

- Removed CPU Status check-in from Log by default
  - Can be reenabled in Advanced
- Randomized wireless passphrase by default
- Added flat file support to Wireless Status page
- Added disable peer tracking options
- Added adjustable beacon values
- Added data throttling settings

- Added scheduled reset timer options

## 2. Bug Fixes

- Fixed possible crashes when automatically cleaning up aged peers as they show up again
- Fixed a null pointer crash related to peers

## VERSION 202101061259

**Released 01/21/2021**

### 1. New Features

- Moved Wireless Power levels from Advanced to Setup

### 2. Bug Fixes

- Fixed routing table in Etherstation mode
- Fixed SSID and Passphrase character rejection
- Fixed occasional lockup when using ModbusTCP

## VERSION 202004021415

**Released 04/14/2020**

### 1. New Features

- Added HTTPS compatibility
- Added Roaming Hysteresis to all station modes
- Added a configurable IP Address to Etherstation mode

### 2. Bug Fixes

- Fixed Status LED on front of radio, now only is lit if active connection is made
- Fixed Horizon 900 not displaying correct channel on Home page when in station modes
- Fixed occasional Etherstation crash when using Autodiscover

## VERSION 201909101330

**Released 09/19/2019**

### 1. New Features

- Removed IGMP Snooping
- Added TCP Keepalive Proxy in Advanced

- Added editable text field for target IP addresses in serial port configuration
- Added factory default IP address to factory defaults

## 2. Bug Fixes

- Fixed DHCP Static Routes in Advanced
- Fixed “Twin Bridge” crash when modifying peers incorrectly

## VERSION 201809071427

**Released 09/20/2018**

### 1. New Features

- Added “Station Bridge” to Mode of Operation list
  - Allows seamless roaming of radio between APs like a client while maintaining an ethernet bridge to multiple devices like an AP Bridge
- Added 256-bit encryption for all modes and peers
- Added “Protected Management Frames” option for all communication
- Added additional configuration options to the following settings
  - NTP
  - IPERF
- Added pseudorandom password generation to peer configuration
- Changed setting layout of Advanced Settings to accommodate the added options

### 2. Bug Fixes

- Fixed Discovery packets routing while in AP Router mode
- Fixed location of Radio ID to be at end of setup

## VERSION 201805111329

**Released 05/15/2018**

### 1. New Features

- Added “Twin Bridge” feature
  - Allows 2 separate radio networks to run simultaneously in one radio
- Added “Auto Discovery” feature to Etherstation mode
  - Allows Etherstation to automatically change it’s MAC address to the device connected to it
- Added additional configuration options to the following settings
  - HTTP
  - TELNET
  - SSH
  - Discovery

- Remote Assist

## 2. Bug Fixes

- Fixed Modbus crash when trying to serve missing client information

# VERSION 201801100856

**Released 01/16/2018**

## 1. New Features

- Added "Packet Monitor" in Advanced
- Added a default IP Address to Eth1 when in station mode
- Added "NTP Master" mode
- Added "Timeout" feature to peers
- Added list of supported frequencies to station mode

## 2. Bug Fixes

- Fixed KRACK vulnerability
- Fixed sporadic "kernel panic" messages
- Fixed occasional lockup on idle with TR switch