

Firmware Updates

AVN-GPIO			
GPIO to LAN Transceiver			
Version	Date	Changes	Description
3.0.377	08/04/2026	New	Add support for virtual GPIO to work with Ember+ parameter types other than Booleans.
		New	Add Consumer mode for virtual outputs, allowing the AVN-GPIO to control the value of an Ember+ parameter in a remote Ember+ provider tree.
		Fixed	Issue where Ember+ paths greater than 5 layers deep would not work.
2.6.368	28/01/2026	New	Event monitoring on physical GPIs can detect both rising and falling edges.
		New	Event timestamps now written to syslog for remote monitoring.
		New	Syslog/Ember/web interface now indicate rising or falling edge.
		New	UDP commands updated: ID 0 returns status of all GPIOs/relays.
		New	GET command includes both GPI ID and event ID; event ID 0 returns all timestamps.
		New	Nanosecond values always reported as 9 digits with leading zeros.
		Fixed	Missing warning when port field not edited for virtual GPI.
2.4.351	30/01/2025	Fixed	Unit can lock up when virtual input changes quickly.
		Fixed	Reduced responsiveness to latching button presses.
		Fixed	Virtual GPI Ember path display issue with 2-digit numbers.
		Fixed	Latching physical GPI now changes state on button press instead of release.
2.3.341	28/10/2024	Fixed	Webpage menus load incorrectly when navigating away from GPIO submenu.
2.2.336	04/10/2024	New	Add PTP UDP command to query PTP state.
		Fixed	Fix missed simultaneous input events.
		New	Show loading spinner during firmware update.
2.1.324	27/09/2024	New	Performance and stability improvements; timestamps no longer persist after reboot.
2.0.290	04/07/2024	New	Extend UDP commands for configuration and status.
		New	Extend Ember+ tree for full remote GPIO configuration.
		New	Add more configuration options to web interface.
1.0.265	26/10/2023	Fixed	UDP falling edge detection not working.
		Fixed	Minor HTTP POST handling issue.
		Fixed	Increased stack for Ethernet monitor task.
1.0.261	10/10/2023	Fixed	Voltage display improvements (Out of Range, Missing, Present).
1.0.258	29/09/2023	Fixed	Updated terminology for PTP.
1.0.254	04/08/2023	New	Add syslog server configuration via web interface.
		Fixed	Virtual input type now inferred from Value field for compatibility.
1.0.249	21/07/2023	Fixed	Dynamic address mode caused startup lock-up.