

STBNIP2212 FIRMWARE HISTORY
RoHS version Ethernet NIM's

NOTICE

Firmware downward compatibility limitation for PV 29 and above

=> do not downgrade a STBNIP2212 PV \geq 29 to a SV $<$ 03.36

Failure to follow these instructions can result in equipment damage.

Version #	Date of Publication	Internal reference	Description
SV3.36	02/2019	PEP0408318R	Enhanced to support a new NOR flash component.

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Version #	Date of Publication	Internal reference	Description
SV3.34 (limited distribution)	05/2017	PEP0325790R	Fixed the issue that STBNIP2212- Stop comm, STB initialized after several hours running If the rotate switch of it is configured to DHCP. And there is no DHCP server available, it will use the store IP as fallback IP address. And CPU use the stored IP to scan IO data. In this case, all Ethernet service doesn't work after scanned by the CPU for more than one day.
		PEP0397935R	Fixed the issue that ETHERENT communication would be interrupted by ARP broadcast

Note: This SV3.34 was not manufactured in factory.

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Version #	Date of Publication	Internal reference	Description
SV3.33 V1.25(Web)	11/2015		Fixed the issue that Web page Java 8 compatibility Changes implemented to the web pages only. Web version changed from V1.24 to V1.25. Firmware version remained at V3.33. <i>Note: Manufactured units labeled as SV3.34 have a firmware version of 3.33 and web version of 1.25.</i>

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Version #	Date of Publication	Internal reference	Description
SV3.33	08/2014		Fixed the issue that FTP/HTTP access will now use password encryption
			Fixed the issue of Web page Java 7 compatibility

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Version #	Date of Publication	Internal reference	Description
SV3.32	05/2014		Fixed the issue that outputs would not recover if Modbus communications was lost and then re-established on an STB Island with 30 or more I/O modules configured. Firmware issue corrected for STB Island sizes up to 32 modules maximum. Issue occurred with previous firmware versions 3.31, 3.02 and 3.00. It did not exhibit this behavior with firmware versions 2.73, 2.72, 2.71 or 2.70.

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Version #	Date of Publication	Internal reference	Description
SV3.31	11/2013		Fixed the issue that if an STBNIP2212 was powered on for 828 consecutive days, it would lose Modbus communications for 20 minutes, then recover on its own.

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Version #	Date of Publication	Internal reference	Description
SV3.30	08/2013		Fixed the issue that Unity Fieldbus Discovery unable to detect the name/type of the STBNIP2212
			Enhanced to add the STBACO8220 in the web page
			Fixed the issue that under certain circumstances, the NIM would not respond to a ping.

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Version #	Date of Publication	Internal reference	Description
SV3.02	04/2013 Patch		Fixed the issue that Bootp requests and DHCP Discoveries would stop being issued after 1 hour if no IP address was served.

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Version #	Date of Publication	Internal reference	Description
SV3.01	01/2013		Enhanced the integration of Scaime eNOD4-T weighing module into CANopen extension and web pages
			Fixed the issue that a value of 255 in any octet of the Configure IP would return an error 'Invalid IP Address' when a save is attempted.

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Version #	Date of Publication	Internal reference	Description
SV3.00	04/2012		Enhanced to change made to make the STBNIP2212 more robust when experiencing an Ethernet broadcast storm.
			Fixed the issue that at power up of an STBNIP2212, a reset/reload all parameters command will not be sent over the Island CANopen bus.

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Version #	Date of Publication	Internal reference	Description
SV2.73	03/2011		Fixed the issue that now code was modified to re-send TCP packet data after 2 Keep-Alives instead of 3 Keep-Alives.
			Fixed the issue that Now allows the value 255 to be used in any IP address octet for gateway or device.

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Version #	Date of Publication	Internal reference	Description
SV2.72	01/2010		Fixed the issue that the RoHS STBNIP2212 would fail to boot after a power cycle when connected to an XBTGT Schneider Magelis via serial port.
			Fixed the issue that under certain conditions, the STB Island would go to fallback if a swap over occurred on a Hot Standby system that was communicating to the STB Island.

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Version #	Date of Publication	Internal reference	Description
SV2.71	07/2009		Fixed the issue that the STBNIP2212 may go into fallback in the presence of UDP traffic.
			Fixed the issue that Error '1013h' may occur when attempting to connect to the Ethernet NIM using Advantys Configuration Software.
			Enhanced that STBNIP2212 Broadcast Filter improvements were implemented.
			Fixed the issue that 'FDR parameter file from the server is invalid' reported in the ' <i>Error Log</i> ' web page.
			Fixed the issue that Power cycling a large Island with mandatory modules does not always start in RUN.
			Fixed the issue that STBNIP2212 v2.70 NIMs could randomly go to 'fallback' and require a power cycle to recover.

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Version #	Date of Publication	Internal reference	Description
SV2.70	04/2008		Initial Release

RoHs and non-RoHs Ethernet NIM's

- All STBNIP2212's whose Exec versions are less than SV2.70 are non-RoHs units.
- All STBNIP2212's whose Exec versions are SV2.7x or higher are RoHs units.
- The Execs between RoHs and non-RoHs units are not interchangeable.

RoHs is the acronym for Restriction of Hazardous Substances. RoHS, also known as Directive 2002/95/EC, originated in the European Union and restricts the use of specific hazardous materials found in electrical and electronic products. The substances banned under RoHS are lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (CrVI), polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE).