



A7NETH-2P Version Info

▶ **08.21.2024**

Firmware

- V1.1.30 release
- Add Ethernet traffic storm protection feature

User's manual version

- August 2024

▶ **08.25.2022**

Firmware

- V1.1.29 release
- EtherNet/IP changes
 - Improve frame forwarding and blocking when DLR is enabled

User's manual version

- September 2021

▶ **07.09.2020**

Firmware

- V1.1.28 release
- PROFINET IO changes
 - Add support for controller stop state to trigger fail-safe timeout
- MELSEC/SLMP Client changes
 - Fix number of device points in request
 - Fix parsing of UDP/TCP transport type
- IEC 61850 Server changes
 - Fix initialization of status and control GGIO objects

User's manual version

- July 2020

▶ **01.23.2019**

Firmware

- V1.1.25 release
- Fix HTTP security issues

User's manual version

- May 2018

► **11.16.2018**

Firmware

- V1.1.23 release
- EtherNet/IP changes
 - Fix AC/DC drive profile reset to clear the drive fault
- PROFINET IO changes
 - Fix PROFIdrive profile reset to clear the drive fault

User's manual version

- May 2018

► **07.27.2018**

Firmware

- V1.1.22 release
- After a drive fault has been reset, ensure that the commanded frequency is synchronized with the drive

User's manual version

- May 2018

► **05.10.2018**

Firmware

- V1.1.21 release
- Fix potential issue with drive/keypad lock-up after writing to non-volatile parameters

User's manual version

- April 2018

► **02.06.2018**

Firmware

- V1.1.20 release
- Add support to allow register read and write via the Mitsubishi Configuration Studio

User's manual version

- November 2017

► **12.05.2017**

Firmware

- V1.1.19 release
- IEC 61850 changes

- Add support for IEC 61850 server
- Allen Bradley CSP (PCCC) changes
 - Add support for PLC5 Word Range Read and PLC5 Word Range Write
 - Add support for SLC Typed Range Read and SLC Typed Write
- CC-Link IE Field Basic
 - Add support for CC-Link IE Field Basic
- MELSEC MC Protocol Client
 - Add support for MELSEC MC Protocol client
- SLMP Client
 - Add support for SLMP client
- MELSEC MC Protocol / SLMP Server
 - Add support for standard SLMP server functions
 - Add support for UDP transport
 - Add support for 4E (MT) frame type
 - Add support for device types: Data Register, Link Register, Index Register
- EtherCAT changes
 - Modify when the SII EEPROM is written to the file system

User's manual version

- November 2017

► **01.05.2017**

Firmware

- V1.1.18 release
- EtherNet/IP changes
 - Provide access to inverter registers via Get Attribute Single and Set Attribute Single services
- PROFINET IO changes
 - Modules of the same API are now compatible

User's manual version

- December 2016

► **12.14.2016**

Firmware

- V1.1.17 release
- Fix issue with updating the alarm history
- Fix issue with USB disconnection potentially faulting the drive
- Fix potential issue with fault reset recovery

User's manual version

- September 2016

► **09.09.2016**

Firmware

- V1.1.16 release
- PROFINET IO changes
 - Only save the configuration when new settings are detected

User's manual version

- September 2016

► **08.16.2016**

Firmware

- V1.1.15 release
- PROFINET IO changes
 - Update PROFINET stack to pass PROFINET IO Tester V2.3.5.25.4432
 - Self-conformance tested to meet PROFINET V2.31 specification
- Other changes
 - Gracefully handle optional UTF-8 BOM (byte order mark)

GSDML file

- GSDML-V2.31-ICC-a7neth2p-20160809.xml

User's manual version

- January 2016

► **03.04.2016**

Firmware

- V1.1.13 release
- EtherNet/IP changes
 - Pass ODVA Conformance Test CT-13
 - Disable learning of Device Level Ring (DLR) supervisor MAC address
 - Add option for Encapsulation Inactivity Time
- Other changes
 - Fix minimum size of Ethernet frame to 60 bytes

User's manual version

- January 2016

► **12.01.2015**

Firmware

- V1.1.11 release
- EtherNet/IP changes



- Add support for Device Level Ring (DLR) ring redundancy protocol
- Modbus/TCP changes
 - Add support for the Diagnostics function code (0x08) subfunction echo (0)

User's manual version

- December 2015

► **07.13.2015**

Firmware

- V1.1.8 release
- EtherNet/IP changes
 - Compliant with ODVA Conformance Test CT-12
 - Add timeout options
- Modbus/TCP changes
 - Fix write issue
 - Allow access to register 65536
 - Add timeout options
- MELSEC (MC Protocol) changes
 - Improve check of device point
 - Add timeout options
- BACnet/IP changes
 - Fix issue with accessing Multistate priority array
 - Fix issue with accessing a null Binary object active and inactive text string
 - Improve memory usage for the configuration
- PROFINET IO changes
 - Update to PROFINET V2.31 specification
 - Improve PROFIdrive profile state machine
 - Add support for MRP (Media Redundancy Protocol)
 - Add timeout options
- EtherCAT changes
 - Add support for EtherCAT slave
- Other changes
 - Add support for USB database access
 - Improve XTPro bulk database access
 - Improve Ethernet driver

WEB server

- V3 release
- Update "param.xml" file to escape '&' character to conform to proper XML encoding

GSDML file

- GSDML-V2.31-ICC-a7neth2p-20150617.xml
- Update to V2.31 GSDML specification



- Support MRP
- Add more I/O module sizes

ESI file

- A7NETH-2P.xml

User's manual version

- July 31, 2015

► **11.24.2014**

Firmware

- V1.1.4 initial release.

User's manual version

- November 24, 2014