

TONN8

Trend Open Network Node



OVERVIEW

The TONN8 is a compact, embedded IoT (Internet of Things) controller and server platform for connecting multiple and diverse devices and sub-systems. It supports many OPEN protocols such as; BACnet, OBIX, LONWORKS®, KNX, MODBUS, M-BUS and many more. In essence it can read and write data between the Trend system and many other Heating Ventilation & Air Conditioning (HVAC) and NON-HVAC control systems (e.g. lighting).

It can read and write data from and to the 3rd party systems and make that data available to IQ controllers.

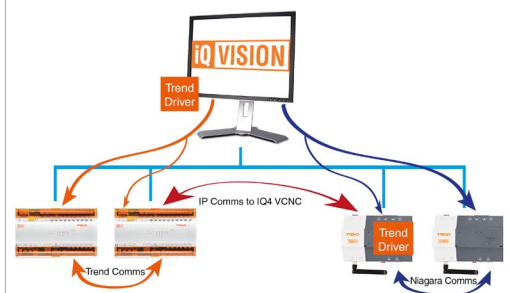
KEY FEATURES

- Supplied with the Trend IP Driver.
- Read and write values from/to Trend and 3rd party systems.
- Reception of alarms from the Trend system by 3rd party systems
- Comprehensive set of drivers
- DIN rail or surface mounting.
- 2 onboard Ethernet ports and 2 onboard RS485 ports.
- With or without WiFi capability *

* Please refer to the data sheet for current list of approved countries

KEY BENEFITS

- **Faster CPU & more memory**
The TONN8 has a more powerful processor and greater memory capacity, making it faster and capable of tackling far more complex applications.
- **Improved Security**
TONN8 delivers all the security you would expect in a modern device with encrypted communication (FOXSS, HTTPS) and Java-free access via Web-Browsers (HTML5) as standard.
- **Greater Integration scalability**
The licensing is via points capacity (not memory or device) making it easy to specify. TONN8 provides proxy points from 100 to 10,000
- **Brand Unlocked**
3rd party drivers can run alongside the Trend driver on the TONN8, making the TONN8 a truly open platform.



TONN8 - Trend Open Network Node

DEVICES

ORDER CODE	DESCRIPTION
TONN8100-24	TONN8 with 100 Proxy Points license *
TONN8250-24	TONN8 with 250 Proxy Points license *
TONN8500-24	TONN8 with 500 Proxy Points license *
TONN81250-24	TONN8 with 1250 Proxy Points license *
TONN85000-24	TONN8 with 5000 Proxy Points license *
TONN810000-24	TONN8 with 10000 Proxy Points license *
TONN-W02-8100-24	TONN8 with WiFi module Zone 2, 100 Proxy Points license *
TONN-W02-8250-24	TONN8 with WiFi module Zone 2, 250 Proxy Points license *
TONN-W02-8500-24	TONN8 with WiFi module Zone 2, 500 Proxy Points license *
TONN-W02-81250-24	TONN8 with WiFi module Zone 2, 1250 Proxy Points license *
TONN-W02-85000-24	TONN8 with WiFi module Zone 2, 5000 Proxy Points license *
TONN-W02-810000-24	TONN8 with WiFi module Zone 2, 10000 Proxy Points license *

***All devices include an 18 month SMA (software maintenance agreement)**



EXPANSION MODULES

ORDER CODE	DESCRIPTION
HON-NXEM-LON	TONN8 LON Expansion Module - Single Port
HON-NXEM-2X485	TONN8 RS485 Expansion Module - Dual Port
HON-NXEM-232	TONN8 RS232 Expansion Module - Single Port



DRIVERS

ORDER CODE	DESCRIPTION
TONN-DR-MFID	Fidelio Driver for N4 TONN8
TONN-DR-SMS-ALM	SMS Driver for N4 TONN8

UPGRADES

ORDER CODE	DESCRIPTION
TONN-DEVICE-UP-10	TONN8 Upgrade for an addition 500 proxy points
TONN-DEVICE-UP-25	TONN8 Upgrade for an addition 1250 proxy points
TONN-DEVICE-UP-50	TONN8 Upgrade for an addition 2500 proxy points
TONN-JACE-8000-AX	Enables TONN8 to run Niagara AX

SOFTWARE MAINTENANCE AGREEMENT

TONN-SMA-8005-1YR	1 year software update agreement for a 250-499 point TONN8
TONN-SMA-8005-3YR	3 year software update agreement for a 250-499 point TONN8
TONN-SMA-8005-5YR	5 year software update agreement for a 250-499 point TONN8

Replace '8005' with the following codes to cover the required points: **8010** = 500 -1249; **8025** = 1250 - 4999; **8100** = 5000 - 9999; **8200** = 10000+

SPARES & REPAIRS

TONN-8-24	TONN8 Hardware only no WiFi - for Warranty/Repair only. License must be transferred from existing host
TONN-W02-8-24	TONN8 Hardware only with WiFi module for Zone 2 - For Warranty/Repair only. License must be transferred from existing host
TONN-8-CLIP	Trend branded clip for TONN8
TONN-8-SD	SD Card for TONN8
HON-NX8-KIT	TONN8 Accessory Kit WiFi-Antenna + RS485 and power terminals

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