



Anybus Atlas2 Plus

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The Anybus Atlas2 Plus is a permanent monitoring tool that provides diagnostics information of your industrial network 24/7, displaying it within our intuitive software Osiris. This allows field technicians to ensure uptime, a healthy network and troubleshoot their network before costly downtime can occur.

Whether you're using PROFINET, EtherNet/IP and EtherCAT, you'll discover that the Atlas2 Plus gives you a much more connected and predictive approach to machine health monitoring and maintenance.

This unique hardware reads industrial ethernet traffic and is single mounted on the DIN-rail in a cabinet connected to the office and factory port.



Distinctive features

- Remote 24/7 monitoring for PROFINET, EtherNet/IP, EtherCAT and PROFIBUS
- Multiple versions of active and passive or active-only monitoring
- Self-learning machine with predictive fault-finding capabilities
- Dynamic graphical and hierarchical displays of a network's topology
- Scoring mechanism and traffic light alert system for simple insight
- Optional LED display on the device itself for a quick overview

All-in-one solution

- OPC-UA and MQTT compatible to export diagnostic data to SCADA systems

Your benefits

- Helps your company operate more efficiently by providing collective diagnostic oversight of installations with multiple protocols.
- Results in faster troubleshooting and reduced downtime by processes data four times faster than its predecessor Atlas.
- Improves your productivity by analysing data in real-time and providing immediate network overviews, no matter where in the world you are.
- Increases the accuracy of the diagnostic process and maintains your network's up times by learning automatically from experience.
- Cuts the cost of maintenance by scoring your networks' health and suggesting likely causes for common and unique faults.

- Provides data traffic insight of your industrial network
- Provides an intuitive interface to access data and analyze

Application example:

- Any industrial network with single or mixed network architectures.

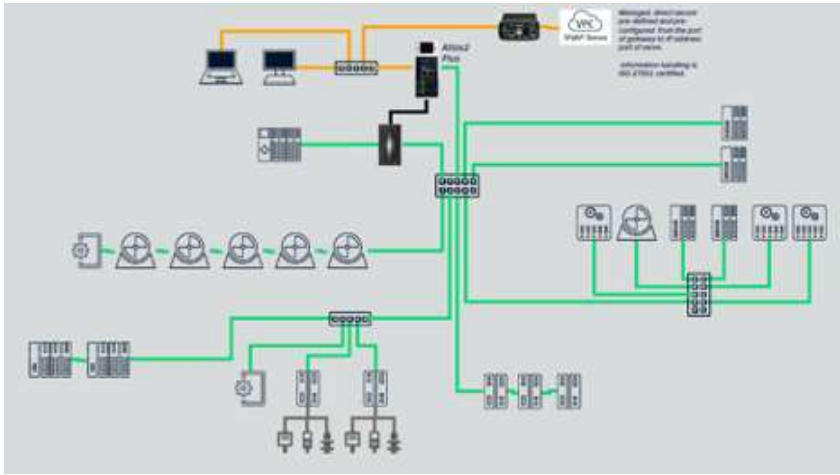


Figure 1: An Industrial Ethernet network including an active and passive monitoring tool for 24/7 diagnostics access

Technical specifications

Processor	NXP IMX8 QuadMax 4 GB LPDDR4 Memory 16GB eMMC Storage Memory
Cooling	Passive Cooling [fanless]
Housing	Powder Coated Aluminum [improved heat dissipation]
Housing Size	52w x 130h x 110d
Mounting	1] Din Rail, 3 rd party clips 2] Wall mounting optional
Screen	Optional: PM-OLED 1,45 inch, 160RGB x 128 Dots, 262 Colors Viewing Allows: network status, and unit settings for easy troubleshooting.
Power Supply	12-24 v DC
Relay Contact	24V/0,5A
USB Ports	2x USB3.0, Type A; 900 mA port 1x USB 2.0, Micro Type B; 500 mA (recovery channel only)
Licensing	1] Single Base license "Full", with optional upgrade licenses 1] "edge" license, allowing only OPC UA / MQTT communication of data.
Active Measurements [no tap]	Yes, unlimited devices
Passive Measurements [with TAP]	Yes
TAP Communication Load	Recommended 60% or below.
OPC UA [Secure]	Yes
MQTT [Secure]	Yes
Software updates	Yes, upgrade and downgrade
Update time	<10minutes
Recovery Options	Yes, dual recovery partition

File

Version

Size

Read online

Ordering Information

Order Codes	101-800341
Included Components	Anybus Atlas2 Plus
Also Available	Order code: 101-800311 - Atlas 2 Plus: PROFINET Permanent Monitoring Kit 100 Order code: 101-800321 - Atlas2 Plus: EtherNet/IP Permanent Monitoring Kit 100
Warranty	1 year

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