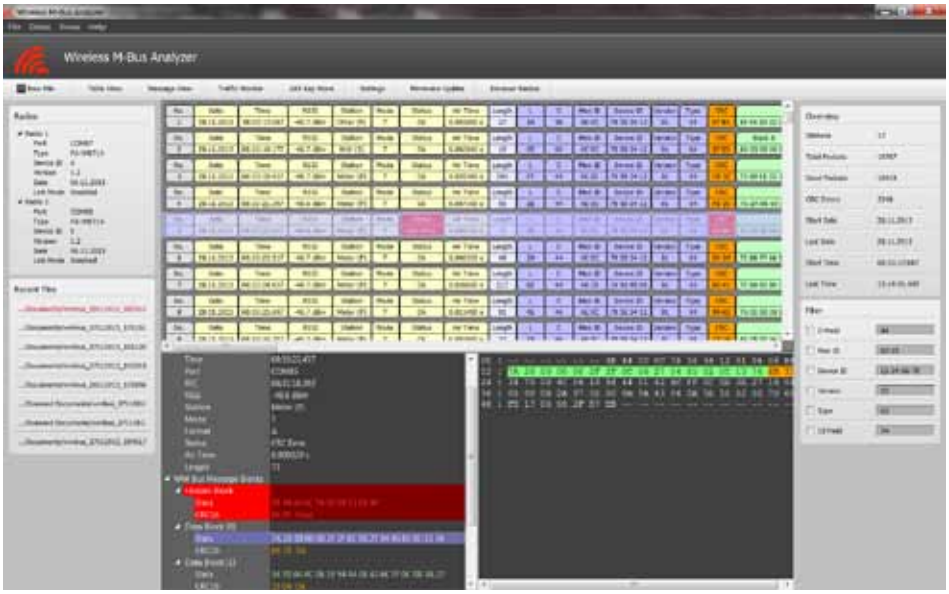
WiMOD

SMART METER COMMUNICATION
TROUBLESHOOTING MADE EASY

→ WIRELESS M-BUS ANALYZER



OVERVIEW

The Wireless M-Bus Analyzer supports the monitoring and analyzing of Wireless M-Bus traffic according to EN 13757-4. This tool provides an easy to use graphical user interface for rapid troubleshooting and maintenance of your Wireless M-Bus network. Long time packet capturing and packet visualization for many Wireless M-Bus configurations can be managed with only a few mouse clicks in combination with the PA-iM871A, a Wireless M-Bus USB adapter. The analyzer supports single radio and dual radio modes for monitoring of uplink and downlink channels with different physical settings in parallel. Decryption support enables to inspect also AES-128 bit encrypted packets. Flexible packet filtering and data visualization allows an easy and efficient way for troubleshooting and validation of complex wireless network configurations. With respect to the ETSI regulations a traffic monitor for duty cycle evaluation completes the list of supported features.

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→ DETAILED INFORMATION

FEATURES

Packet Capturing	connect the PA-iM871A to your PC and start your monitor session
Single Radio Mode	used for S1, S1m, S2, T1
Dual Radio Mode	suitable for T2 and R2
Packet Visualization	packet content is visualized in multiple ways
Packet Filter	focus on specific message types or network nodes for fast and easy analyzing
Message Parser	deep packet analysis including M-Bus application layer (EN 13757-3)
Traffic Monitor	evaluate the Duty Cycle of single Wireless M-Bus nodes
AES Decryption	decryption support for multiple AES-128 bit Keys
Operating Systems	MS-Windows™ 7, 8, (XP)

CONTENT

- 2 x PA-iM871A USB adapter
- CD with software for MS-Windows™
- User Guide