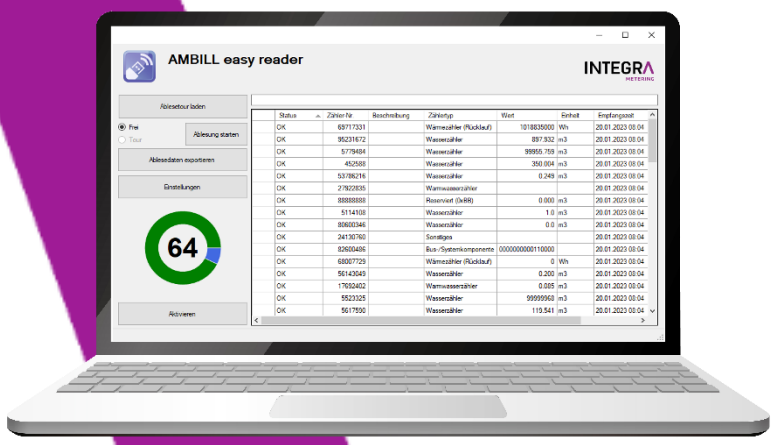
INTEGRA METERING



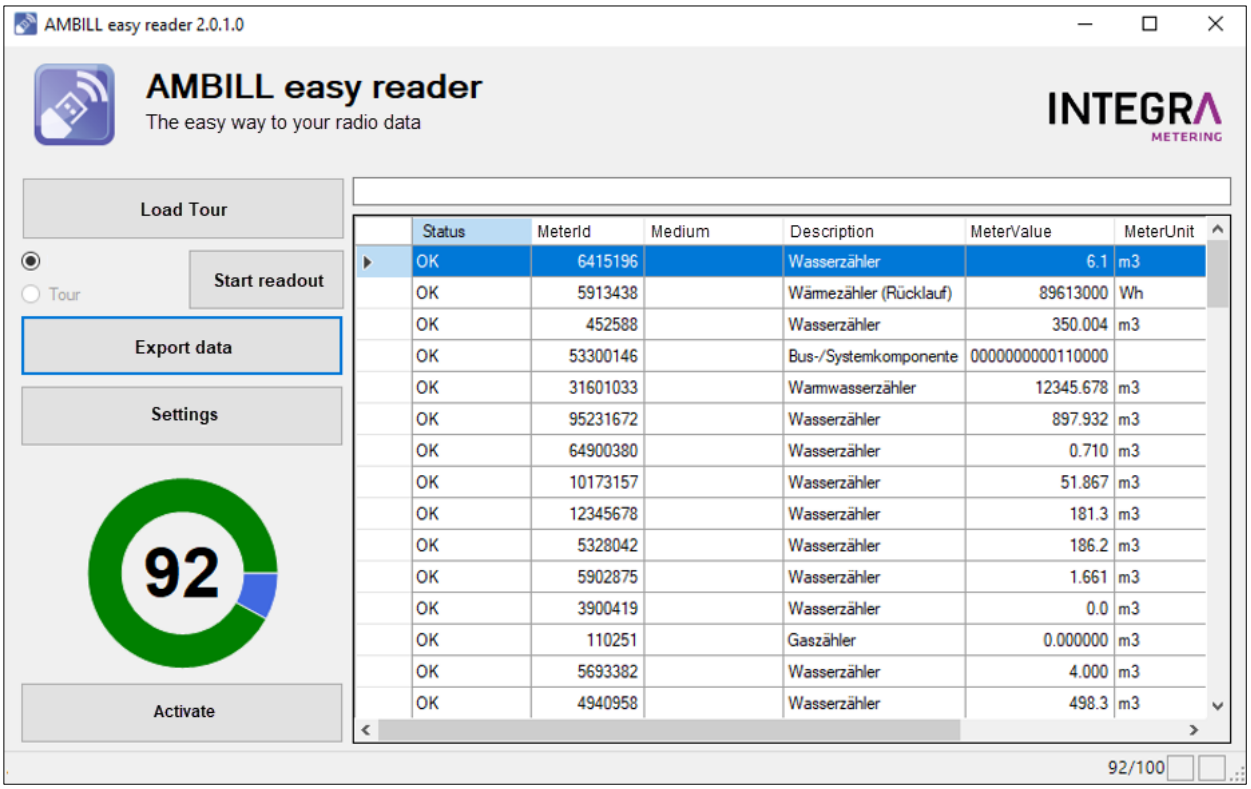
AMBILL® easy reader - Technical datasheet

Reading wireless meters

9-761-TD-EN-02

Application

> The product is ideal for reading a small number of wireless consumption meters installed, for example, in places with restricted access (e.g. in shafts).
> Suitable for use in the field of Automatic Meter Reading (AMR) for data collection, monitoring, remote management and sensor networks.



Features

> Wireless receiver and software in accordance wM-Bus/OMS EN 13757-4
> Device range of up to 100 m with a clear line of sight

Customer benefits

> Up to 200 incoming wireless telegrams are listed
> Factory pre-configured

Operating principle

> The software is installed on a standard laptop with a Windows from version XP operating system and activated via a code.
> AMBILL® easy reader can read up to 200 devices and save the readings in a CSV file.
> A selection can be made between a free read-out of all meters within range and a pre-defined, pre-loaded route.

Software	
Function	Reading wireless consumption meters
Read mode	Free reading or via an available, pre-defined read route
Device list	Maximum 200 meters with wM-Bus 13757-4 and OMS
Operating systems	From version Windows XP, 32 and 64 bit systems

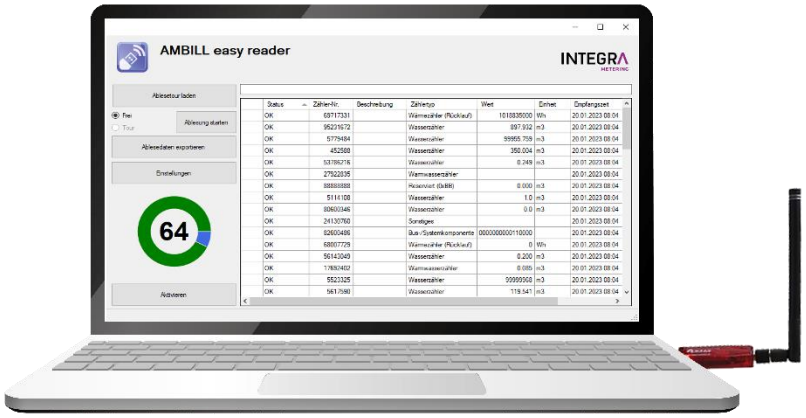
Hardware	
Frequency band	868 MHz (T1)
HF data rate	Up to 500 kbps
Modulation method	2-FSK, MSK
Topology	E.g. point to point/point to multipoint
USB controller	FTDI FT232R supports USB 2.0

Receiver	
Connection	Connected to the USB port
Antenna	SMA antenna connection (50 ohm)
Indicators	2 LEDs
Range	Up to 100 m with a clear line of sight, dependent on the meter installation point
Settings/parameters	Adjustable data rate and transmission channel
Configuration	Not necessary; the receiver is pre-configured



Product range	
AMBILL® easy reader	Art.Nr. 80802, Software plus receiver and antenna

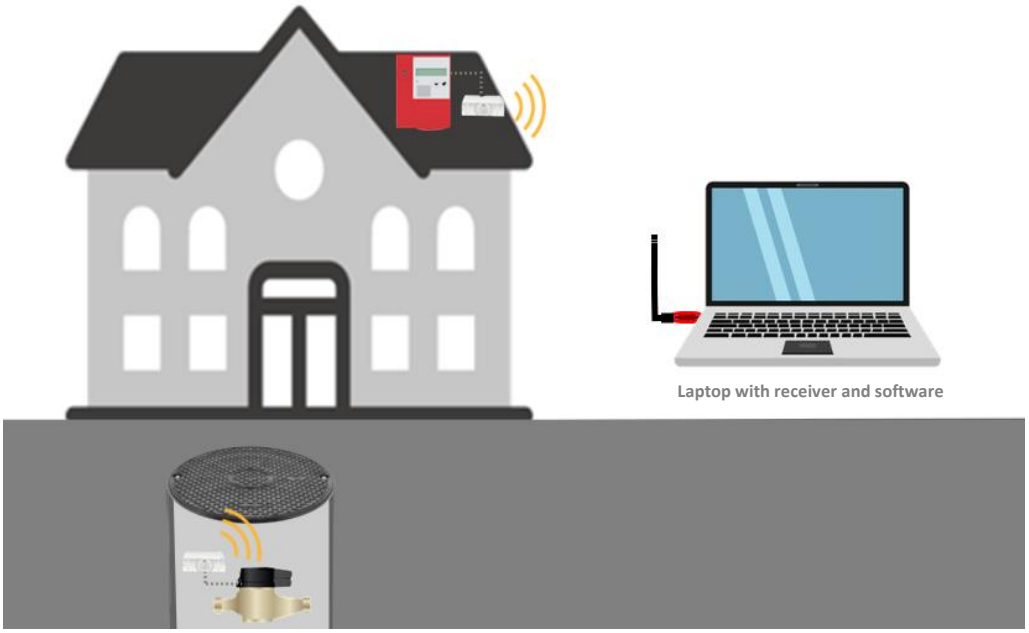
Installation



> Further information on installation and commissioning can be found in the download package
> Two LEDs as indicators on the receiver (red = supply/green flashing = receiving)

Wireless M-Bus reading with AMBILL®easy reader

> Example: AMBILL®easy reader for reading M-Bus/OMS wireless meters installed in an exposed location



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