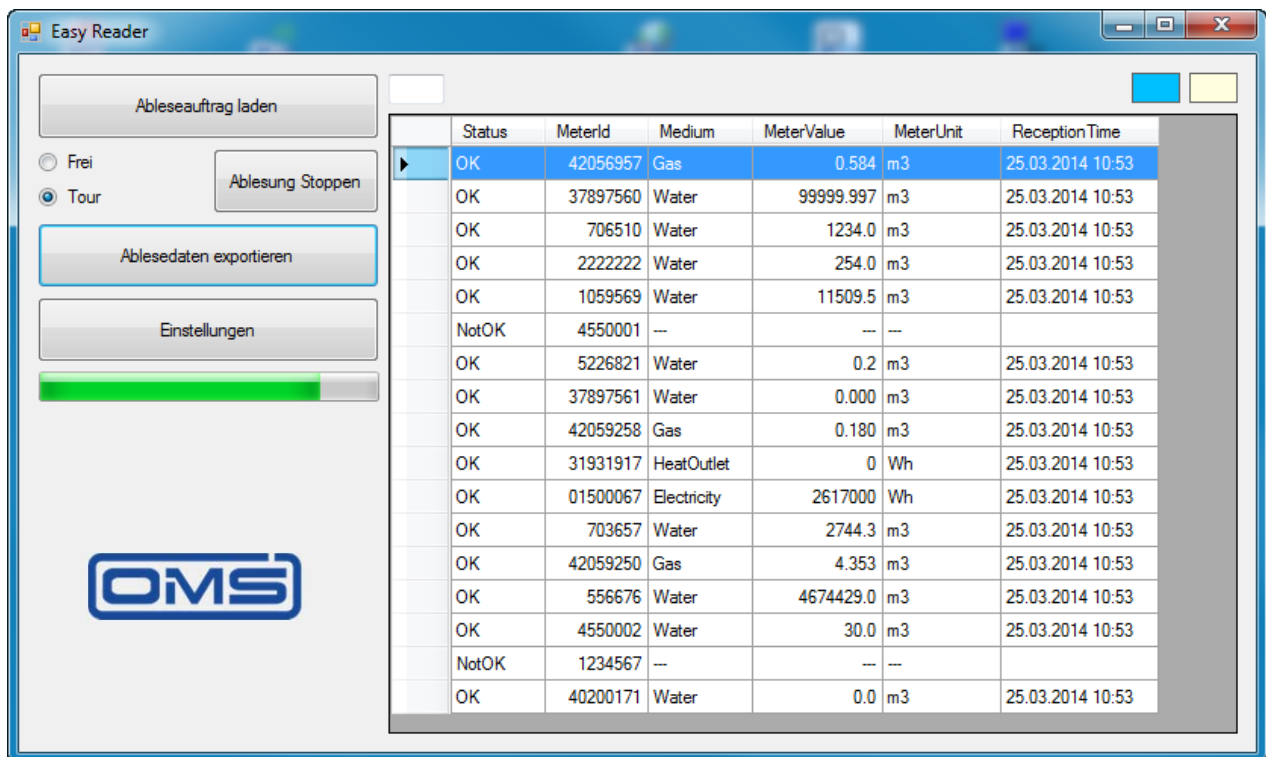


AMBILL[®] easy reader

Reading wireless meters

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 50 incoming wireless telegrams are listed
- Factory pre-configured

1 Operating principle

The software is installed on a standard laptop with a Windows XP, 7 or 8 operating system and activated via a code. AMBILL® easy reader can read up to 50 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.

2 Technical data



Receiver	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

AMBILL® easy reader	
Software Function	
Read mode Device	Reading wireless consumption meters
list Operating	Free reading or via an available, pre-defined read route
systems	Maximum 50 meters with wM-Bus 13757-4 and OMS
	Windows XP, 7 or 8; 32 and 64 bit systems
Hardware Frequency	
band HF data rate	
Modulation method	868 MHz (T1)
Topology	Up to 500 kbps
USB controller	2-FSK, MSK
	E.g. point to point/point to multipoint
	FTDI FT232R supports USB 2.0

3 Project planning notes

Product range		
AMBILL® easy reader	Software plus receiver and antenna	Art. no. 80802

4 Installation



Further information on installation and commissioning can be found in the download package

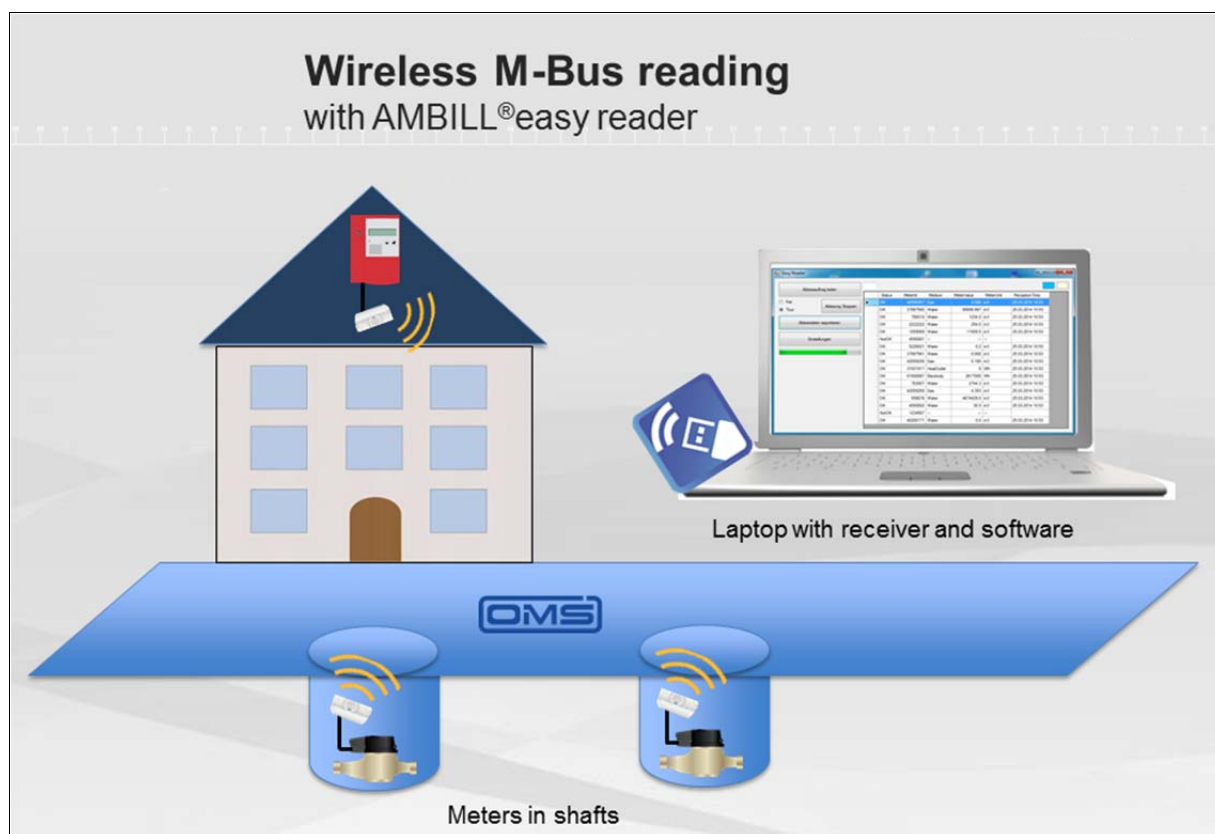
5 Indicators and user interface

Two LEDs as indicators on the receiver (red = supply/green flashing = receiving)

6 Accessories

Accessories	
SMA antenna with joint piece	Already included
Wireless 868 MHz USB stick	Already included

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



INTEGRA Metering AG
Ringstrasse 75
CH-4106 Therwil

+41 61 725 11 22

info@integra-metering.com
integra-metering.com



INTEGRA Metering AG
Ringstrasse 75
CH-4106 Therwil

+41 61 725 11 22

info.ch@integra-metering.com
ch.integra-metering.com



INTEGRA Metering SA
Rue de l'Oyonne 1
CH-1800 Vevey

+41 21 926 77 77

info.vevey@integra-metering.com
ch.integra-metering.com/fr



INTEGRA Metering GmbH
Kurt-Schumacher-Allee 2
DE-28329 Bremen

+49 421 871 64 0

info.de@integra-metering.com
de.integra-metering.com



INTEGRA Metering SAS
Rue du Font Grasse, 12
FR-31700 Blagnac

+33 5 61 11 23 56

info@integra-metering.com
fr.integra-metering.com



INTEGRA Metering Asia Pte. Ltd.
10 UBI Crescent, #04-21
UBI Techpark, Singapore 408564

+65 6899 1980

pradeep.hada@integra-metering.com
integra-metering.com



INTEGRA Metering AG DMCC
Unit No: 43
DMCC Business Centre, Level No. 5,
Jewellery & Gemplex 2, Dubai, UAE

+97 155 605 2905

info.imme@integra-metering.com
integra-metering.com