

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.

asy Reader			3			
Ableseauftrag laden						
	Status	Meterld	Medium	MeterValue	MeterUnit	Reception Time
Frei	▶ ОК	42056957	Gas	0.584	m3	25.03.2014 10:53
Ablesung Stoppen	ОК	37897560	Water	99999.997	m3	25.03.2014 10:53
	ОК	706510	Water	1234.0	m3	25.03.2014 10:53
Ablesedaten exportieren	ОК	2222222	Water	254.0	m3	25.03.2014 10:53
	ОК	1059569	Water	11509.5	m3	25.03.2014 10:53
Einstellungen	NotOK	4550001				
	ОК	5226821	Water	0.2	m3	25.03.2014 10:53
	ОК	37897561	Water	0.000	m3	25.03.2014 10:53
	ОК	42059258	Gas	0.180	m3	25.03.2014 10:53
	ОК	31931917	HeatOutlet	0	Wh	25.03.2014 10:53
	ОК	01500067	Electricity	2617000	Wh	25.03.2014 10:53
	ОК	703657	Water	2744.3	m3	25.03.2014 10:53
	ОК	42059250	Gas	4.353	m3	25.03.2014 10:53
OMS	ОК	556676	Water	4674429.0	m3	25.03.2014 10:53
	ОК	4550002	Water	30.0	m3	25.03.2014 10:53
	NotOK	1234567				
	ОК	40200171	Water	0.0	m3	25.03.2014 10:53

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 selec-tion can be made between a free read-out of all meters within range and a pre-defined, pre-loaded route.

2 Technical data



Receiver		
Antenna		
Indicators		
Range		

Settings/parameters Configuration Connected to the USB port SMA antenna connection (50 ohm) 2 LEDs Up to 100 m with a clear line of sight, dependent on the meter installation point. Adjustable data rate and transmission channel 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



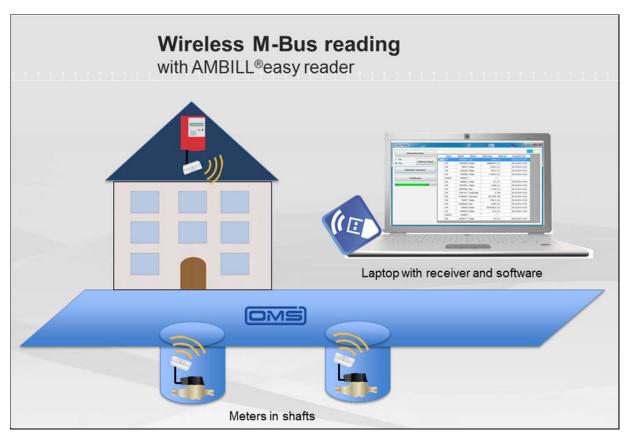
Further information on installation and commissioning can be found in the download package

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.



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