

Axioma Metering UAB



Data concentrator aTERMINAL Technical description V02

IMPORTANT INFORMATION FOR WASTE HANDLING

Marking of electrical and electronic equipment in accordance of Directive 2002/96/EB



This symbol on the product indicates that it will not be treated as household waste. It must be handed over to the applicable take-back scheme for the recycling of electrical and electronic equipment. For more detailed information about the recycling of this product, please contact your local municipal office.

Application field

Portable radio data logger designed for remote Axioma Metering UAB meter reading with 868MHz radio communication interface.

Technical data

General

Ambient temperature:	-5...-55°C
Relative humidity:	93%
Protection class:	IP65
Dimension	161 x 82 x 39mm.

Power supply

Internal battery	Li-Ion rechargeable battery 3.6V 2200mAh, battery life time 8 h.
Charging	Mini USB, 230V charge adapter. Battery state indicator.

Graphic display

LCD	128x128 with backlight
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Data memory

Memory	expandable Micro SD Card
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Radio parameters

Connection type	bidirectional
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Transmitter parameters:

Power	500 mW
Frequency	869,525 MHz
Frequency bandwidth	250 KHz
Speed	100 kbps
Duty cycle	<10 %

Receiver parameters:

Frequency	868,024 MHz, 868,150 MHz, 868,450 MHz, 868,560 MHz, 868,300 MHz
Speed	2400 bps, 4800 bps, 14400 bps, 57600 bps, 32768 bps

Antenna connector	SMA
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Protocol	Axis 868, wMBus S1, wMBus T1
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Manufacturer's warranty

aTERMINAL data concentrator complies with LST EN 61131 2003 standard.

Warranty period - 24 months from the date of sale, in accordance with operational requirements.

Serial No. _____

Manufacturing date: 201_ y. _____ m. _____ d.

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