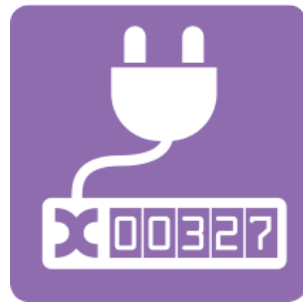


## SMART METERING



# KENTIX

Innovative Security

## User Manual

### Safety instructions

- Kentix GmbH products may not be modified in any way other than as described in this manual.
- To avoid malfunctions, only original parts and accessories should be used.
- Only operate the products within the defined temperature range.
- The products must not be exposed to paint or acids.
- The instructions should be passed on to the user by the person carrying out the installation.
- Kentix accepts no liability for damage to the devices or components if they are incorrectly installed.
- No liability will be accepted for incorrectly programmed units. Kentix is not liable for malfunctions, material damage or other damage.
- Do not use products in potentially explosive atmosphere.
- Only operate the products in the defined temperature range.

### Use of the products, transport, storage

- Installation and commissioning may only be carried out by trained specialist personnel in accordance with the instructions.
- Kentix accepts no liability whatsoever for damage to the unit or to components in the event of incorrect installation.
- Protect the device from moisture, dirt and damage during transport, storage and operation.
- Further information can be found online at [docs.kentix.com](https://docs.kentix.com).

### Disposal

- Kentix would like to point out that according to ElektroG, Kentix appliances must be collected separately from unsorted municipal waste.
- Used batteries must be removed from the old appliance at a collection point and disposed of separately before being handed over. Collection points for old electrical equipment are available for returning the batteries. The addresses can be obtained from the respective city or local authorities.
- If the device to be disposed of contains personal data, the user himself is responsible for their deletion.

### CE declaration of conformity

Kentix GmbH hereby declares that the equipment complies with the essential requirements and relevant provisions of Directives 2014/53/EU and 2011/65/EU.

**Kentix GmbH**  
**Carl-Benz-Straße 9**  
**55743 Idar-Oberstein**  
**[kentix.com](https://www.kentix.com)**

As of 10/2019

### PowerManager

[ART: KPM-RF-B, KPM-RF-W]

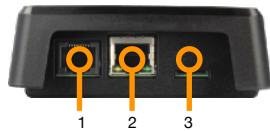


### Intended Use

The PowerManager manages and monitors radio and bus-capable electricity meters within buildings (server rooms, data center).

When installing the PowerManager, certain degrees of protection must be guaranteed. Please observe the relevant regulations for installations in the respective environment. The installation must only be carried out by qualified personnel.

### Assembly plan



1: System port  
2: LAN (PoE)  
3: SD card

### Installation

Connect the device to a PoE-enabled switch using a patch cable or to a switch without PoE using a PoE injector. A class 1 PoE switch is sufficient for operation. The device is maintenance-free. For setup information, please visit [docs.kentix.com](https://docs.kentix.com).

### Commissioning

After connecting, the device can be accessed via a browser under the following data:  
IP address: 192.168.100.225  
User name: admin, password: password

### Accessories (included in delivery)

Mounting bracket, fixing material, patch cable

### Technical data

Power supply via PoE:

12-72VAC/DC Power consumption approx. 1.5W, PoE Class 1

Environmental conditions:

Temperature 0 - 50°C, humidity 5-95%, non-condensing

### Wireless InlineMeter

[ART: KILM-1-16,  
KILM-3-16,  
KILM-1-32,  
KILM-3-32]



### Intended Use

The wireless InlineMeters are used as extension meters for measuring rack PDUs, UPS or air conditioning systems as well as technical building systems inside buildings. When installing InlineMeters, certain degrees of protection must be guaranteed. Please observe the relevant regulations for installations in the respective environment. The installation must only be carried out by qualified personnel.

### Installation

Depending on the type, the InlineMeters are pre-assembled with the corresponding CEE connectors. The connection is thus made directly into the existing sub-distribution board.

### Commissioning

To connect to a Kentix PowerManager, the search for SmartMeters must be started via the web interface of the PowerManager and then the teach-in button on the device must be pressed. For setup information, please visit [docs.kentix.com](https://docs.kentix.com).

### Technical data

Power supply:

1/3 x 230/400V (neutral) +/-10%

Environmental conditions:

Temperature -10 to 50°C, humidity 5-95%, non-condensing

Environmental conditions:

Temperature -10 to 50°C, humidity 5-95%, non-condensing

### SmartPDU

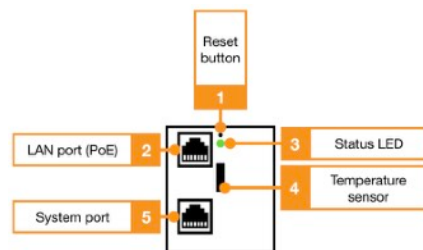
[ART: KPMDU-RF-xx, KPMDU-ET-xx,  
KPMDU-RS-xx, KPMDU-RC-XX]



### Intended Use

The SmartPDU is used to power the end devices in data or network cabinets while simultaneously monitoring power, consumption data and the environment. When installing the PDU, certain degrees of protection must be ensured. Please refer to the relevant regulations for installations in the respective environment. The installation must only be carried out by qualified personnel.

### Assembly plan



### Installation

The PDU is installed between supply voltage and consumer and additionally connected with a patch cable. The device is maintenance-free. For setup information, please visit [docs.kentix.com](https://docs.kentix.com).

### Commissioning

After connecting, the device can be accessed via a browser under the following data:  
IP address: 192.168.100.226  
Username: admin, Password: password

### Accessories (included in delivery)

Smart PDU, connection cable and plug, fixing material

### Technical data

Power supply:

1/3 x 230/400V

Environmental conditions:

Temperature -10 - 55°C, humidity 5-95%, non-condensing

Further documentation at  
**[docs.kentix.com](https://docs.kentix.com)**