KentixONE with SiteManager as a Hardware Appliance – MANUAL

ORDER-CODES:
KSM-DR-02

[Datasheet SiteManager](#)

Overview

Kentix SiteManager is the central management unit for all Kentix installations. The SiteManager always works in the Main-Device operating mode and brings together all functional areas such as SmartAccess, SmartMonitoring, SmartPDU and SmartVideo. Up to 500 devices from different functional areas can be managed. It also includes the functionality of an alarm control center with various transmission paths (network, mobile radio) for alerting. The KentixONE software is already integrated via the integrated web server (HTTPS). Configuration is carried out via a web browser.

The SiteManager offers several installation options such as top-hat rail mounting on a 35 mm DIN rail or installation in a 19″ IT rack with one height unit.
Power is supplied via the integrated redundancy module with two external power supply units.

Safety instructions

Safety instructions

Installation
Installation and commissioning may only be carried out by trained specialist personnel in accordance with the instructions.
No modifications of any kind, other than those described in an appropriate manual, are permitted to Kentix GmbH products.
Certain levels of protection must be provided when installing Kentix equipment.
Observe the relevant regulations for installations in the respective environment.
Only operate the products within the defined temperature range.
The instructions should be passed on to the user by the person carrying out the installation.
Kentix accepts no liability for damage to the equipment or components resulting from incorrect installation. No liability is accepted for incorrectly programmed units.
Kentix shall not be liable in the event of malfunctions, damage to property or other damage.
Use of the products, transport and storage
Protect the device during transport, storage and operation from
Protect moisture, dirt and damage.
Battery powered products
Do not use products in potentially explosive atmospheres.
Only operate the products within the defined temperature range.
Installation and battery replacement may only be carried out by trained personnel in accordance with the instructions.
Do not charge, short circuit, open or heat batteries.
When inserting the batteries, pay attention to the correct polarity.
The devices must always be operated with the batteries intended for the product.
When changing batteries, always replace all batteries.
Dispose of old or used batteries properly.
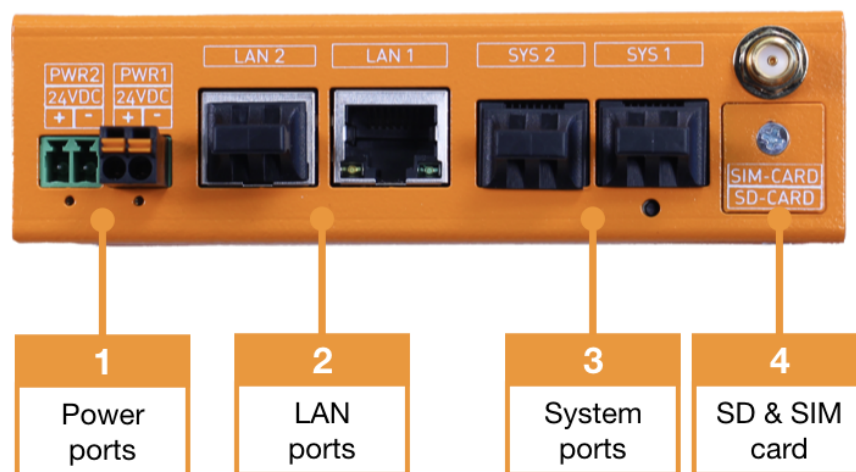Keep batteries out of the reach of children.
Maintenance
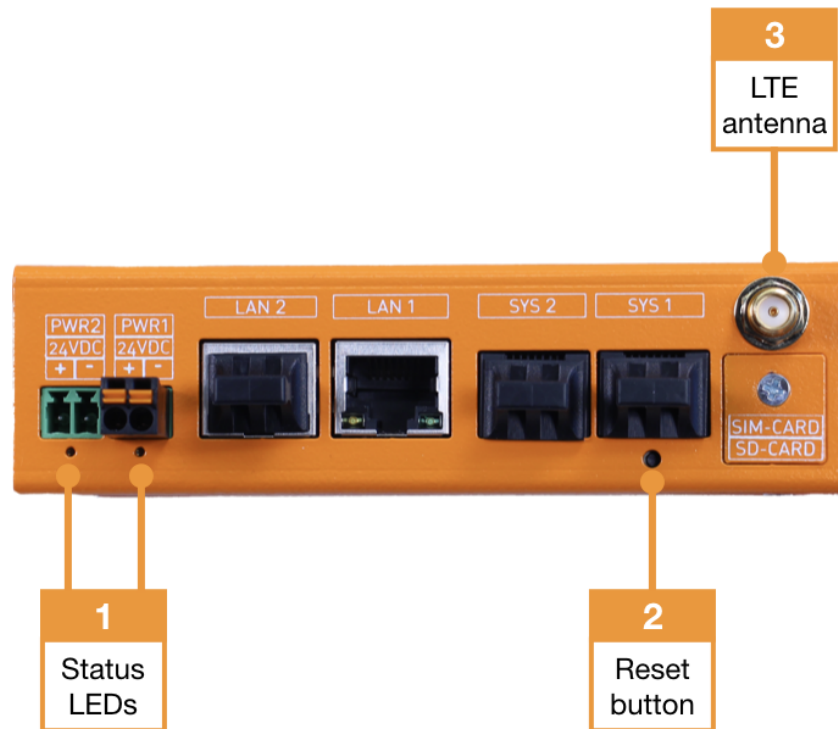Kentix devices must be checked for functionality as part of annual maintenance.
Disposal
Electrical appliances and batteries must be disposed of separately from household waste.
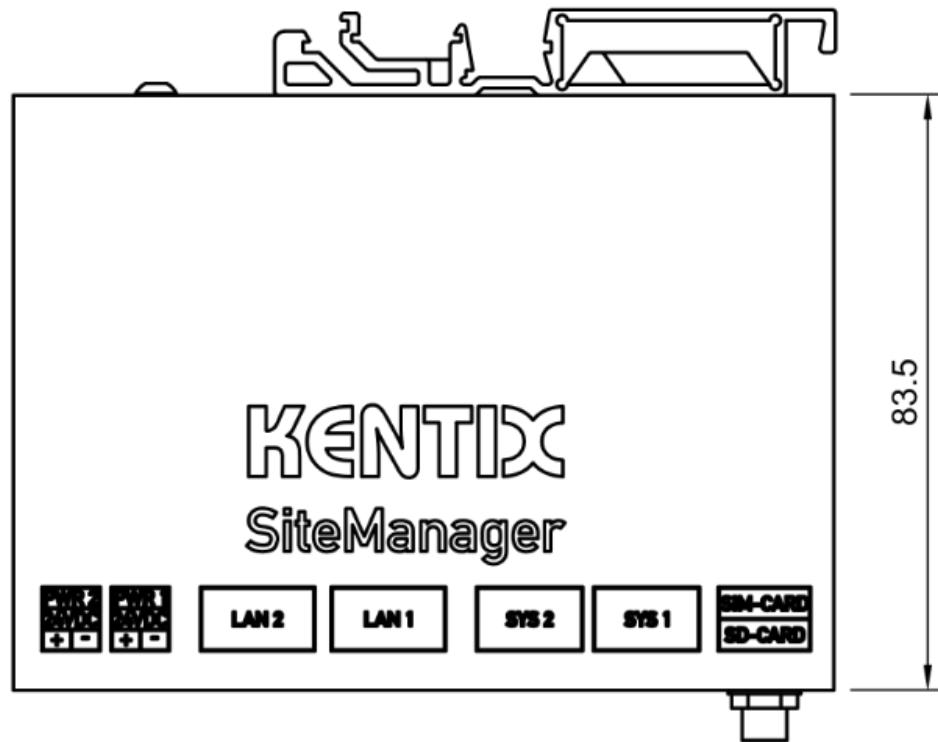
Connection and operating elements

1. Connection 1 and connection 2 for the power supply (24VDC) of the Kentix SiteManager
2. 1GBit LAN connection 1 and 100MBit LAN connection 2
3. System port 1 (type A) and system port 2 (type A) for connecting expansion sensors
4. Nano SIM card (insert with the contacts facing downwards) and micro SD card (insert with the contacts facing upwards). Both card holders have a push-push locking mechanism.
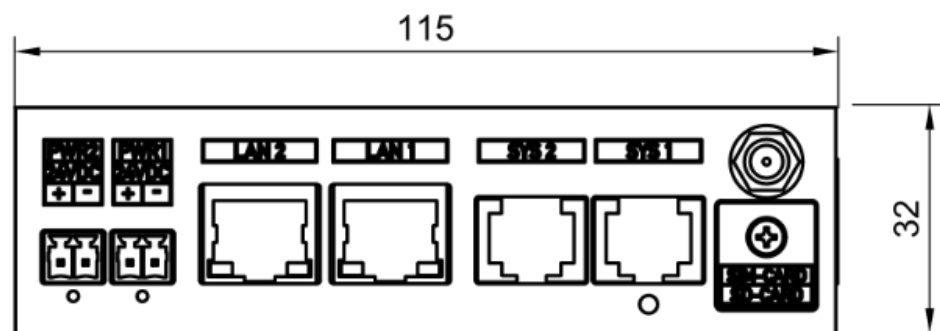
1. Status LED 1 and status LED 2
2. Reset button for resetting to factory settings
3. SMA socket for connecting the included LTE/4G magnetic base antenna

Dimensions

Dimensions top view

Dimensions front view

Power supply

The power supply of the SiteManager is exclusively provided by external power supplies 24VDC / 0.5A. The integrated redundancy module offers the possibility to supply the SiteManager with two external power supplies. The power supply units are connected to the power supply connections on the SiteManager via a plug connector (WAGO part number: 714-102).

Installation options

The SiteManager offers various mounting options such as top-hat rail mounting on 35 mm DIN rails or installation in a 19″ IT rack with one height unit.
Mounting on TH 35-7.5 and TH 35-15 top-hat rails is carried out using the integrated quick-mounting bracket on the rear of the housing.
The supplied mounting brackets are required to install the SiteManager in a 19″ IT rack. These are screwed to the side of the housing with four M3x5 pan head screws. A screwdriver with TX10 hexagon socket is required for this purpose. In addition, the supplied Velcro strips

for cable routing can be attached to the mounting brackets.

Factory settings

For initial configuration, use the IP address printed on the device or the address assigned via DHCP in a web browser (HTTPS). Please note the network settings of your connected PC.

The factory IP addresses at a glance:

SiteManager and AlarmManager	192.168.100.222
MultiSensor	192.168.100.223
AccessManager	192.168.100.224
PowerManager	192.168.100.225
SmartPDU	192.168.100.226

Factory IP addresses, subnet mask: 255.255.255.0

For devices with a firmware version lower than 8.x.x, the login data for the preset administrator account are: admin / password

Reset to factory settings

1. Restart the device (disconnect and reconnect the power supply).
2. The status LED lights up briefly and then goes out.
3. As soon as the status LED lights up green continuously, press and hold the reset button for 15 seconds until the device emits an acoustic feedback.
4. The device loads the factory settings and performs a restart.
5. After approx. 2 minutes, the device can be reached with the factory settings.

All existing settings and data will be irrevocably deleted !
We recommend regular backup of the system.

Configuration with KentixONE

The device is configured via the web browser in KentixONE. The device must be accessible to the central KentixONE instance on the network side. Depending on the device type, a communication key and the IP address or DHCP name of the central KentixONE instance must also be set on the device (MultiSensors, AccessManager, SmartPDU). IP cameras or IO modules, on the other hand, can be integrated directly into KentixONE.

All information about the software is available in the KentixONE section and the related documentation.

Before starting the configuration, make sure that the software on all network-compatible Kentix devices is up-to-date. The version status must match on all devices.
You can perform a software update for your KentixONE main instance and all connected satellites at any time via "System – Update".