

KentixONE - First steps

Brief introduction

The KentixONE software runs either on the SiteManager as a hardware appliance, on which it is already pre-installed, or virtualized as a Docker container on your own servers. For projects with up to 500 networked devices, we recommend the SiteManager hardware appliance for easy integration. The Docker container is ideal for large enterprise applications.

The KentixONE software environment is based on the most advanced web technologies and offers a state-of-the-art, easy-to-understand graphical user interface in the web browser. To make use as simple and intuitive as possible, there are various levels, such as the "EasyView" view. With this view, you can see the complete system status at a glance. The central element is the Kentix thumb. It shows whether your building, your infrastructure or your system is secure. If action is required, KentixONE takes you directly to the "DetailView" view to find out more about the alarm or warning statuses. In the "DetailView" view, the structure of your project is precisely mapped with buildings, floors, rooms or functions. Extensive filter and intelligent search functions take you directly to the information you need. The KentixONE interface is both a configuration and user interface.

The most important functions of KentixONE at a glance:

Function

- Smart web dashboard
- Smartphone app (iOS, Android)
- E-mail - Push - SMS
- Autom. Software Deployment
- Autom. Backups
- Multitenant

Integration

- LDAP and Active Directory
- REST API based on JSON
- WEB hooks (JSON, XML CSV)
- SNMP V2/3 with standard MIB
- Modbus TCP/RTU
- Alarm synchronous video images

Security

- Own SSL/TLS certificates

- Custom REST API Key
- AES128/256 encryption
- Regular security updates
- Sabotage monitoring
- IEEE802.1.X authentication

Here you can find a detailed function overview of [KentixONE](#).

Compatibility

KentixONE is shipped on all Kentix products with firmware version 08.x.x or later.

Update existing devices

For the update of already used products you will find all necessary downloads in the [Kentix-Shop](#).

Products with firmware version 5 or lower cannot be used for Kentix ONE.

Before the update, the compatibility of the devices must be checked. Only products from a certain production date are updateable.

The year and month of production are noted on the stickers on the devices or in the web interface.

The date of manufacture can also be determined using the serial number.

A serial number consists of several elements and is structured as shown in the following example:

12ab4567xy890

The digits a and b stand for the year of production, whereby the numbers are rotated.

Example:

a=1, b=2

12 rotated results in 21

This device is from the year 2021.

The digits x and y contain the month of manufacture.

Example:

x=1, y=0

Results in 10, rotated= 01.

This device was therefore produced in January 2021.

Not compatible with Kentix ONE are devices with the following production dates:

Access Manager

KXP-16-LAN: older 07/18

MultiSensors

KMS-LAN: older 01/18

KMS-LAN-RF: older 01/18

Alarm Manager Basic and Pro



KAM: older 01/18

Other

Keypad KKPT-Touch: No longer supported in Kentix ONE

Quick start

To operate KentixONE, it is recommended that you use one of the following devices as the main controller:


IMAGE	TYPE	ART
	SiteManager (Appliance) DATASHEET	KSM-DR-1
	Docker Container (Virtualized)	KSM-DOCKER-1

Initial commissioning with the SiteManager

Perform the following steps if the structure of the network and the IP addresses of the main and satellite devices in the installation are known. Subsequent changes to IP addresses require additional manual effort.


We recommend that you first configure and test all devices as required in the installation before installing them in the production environment.

The setup wizard

Welcome

English

Do you know?



Extend KentixONE with additional services: You have full control from anywhere via app, remain perfectly protected and can rely on professional and fast technical support in case of problems. KentixONE-GO includes direct online software updates and extended technical support in addition to secure remote access and comprehensive control via app. This gives you prioritized access via E-MAIL to our outstanding support team, with telephone callback if required.

KentixONE-GO

Before you start!

Before you start with the configuration of your system, check after the login whether newer updates are available. Always perform updates for all connected Kentix devices in the network.

The updates are available for download free of charge via your Kentix account. If you have a KentixONE-GO license key, activate it first, the latest updates are then directly available online.

DOWNLOADS

Step 1 of 4

Next

Homepage

If desired, activate KentixONE GO here and download new firmware updates. They can also perform these steps later. Click “Next” to start the setup of the system.

KENTIXONE

General settings

Language

English

Select the language for your system here.

Timezone

Europe/Berlin

Select the time zone for your system here.

Temperature

°C – Celsius

Select the temperature for your system here.

Step 2 of 4

Previous

Next

Basic settings

KENTIXONE

Network settings

☒ DHCP ☐ Manually

IP Address
192.168.178.105

Subnet Mask
255.255.255.0

Gateway
192.168.178.1

☒ Use static IP Address as fallback

IP Address*
192.168.100.222
The IP-Address the device should have

Subnet Mask*
255.255.255.0
The Netmask for the device

DNS Server 1*
192.168.178.1
DNS-Server Address 1

DNS Server 2
192.168.100.1
DNS-Server Address 2

Step 3 of 4

Previous

Next

Network settings

KENTIX|ONE

Add admin

Full name*

The full name of the user

User name*

The username of the user

Password*

The password of the user

Confirm Password*

Enter the password again to confirm

Email

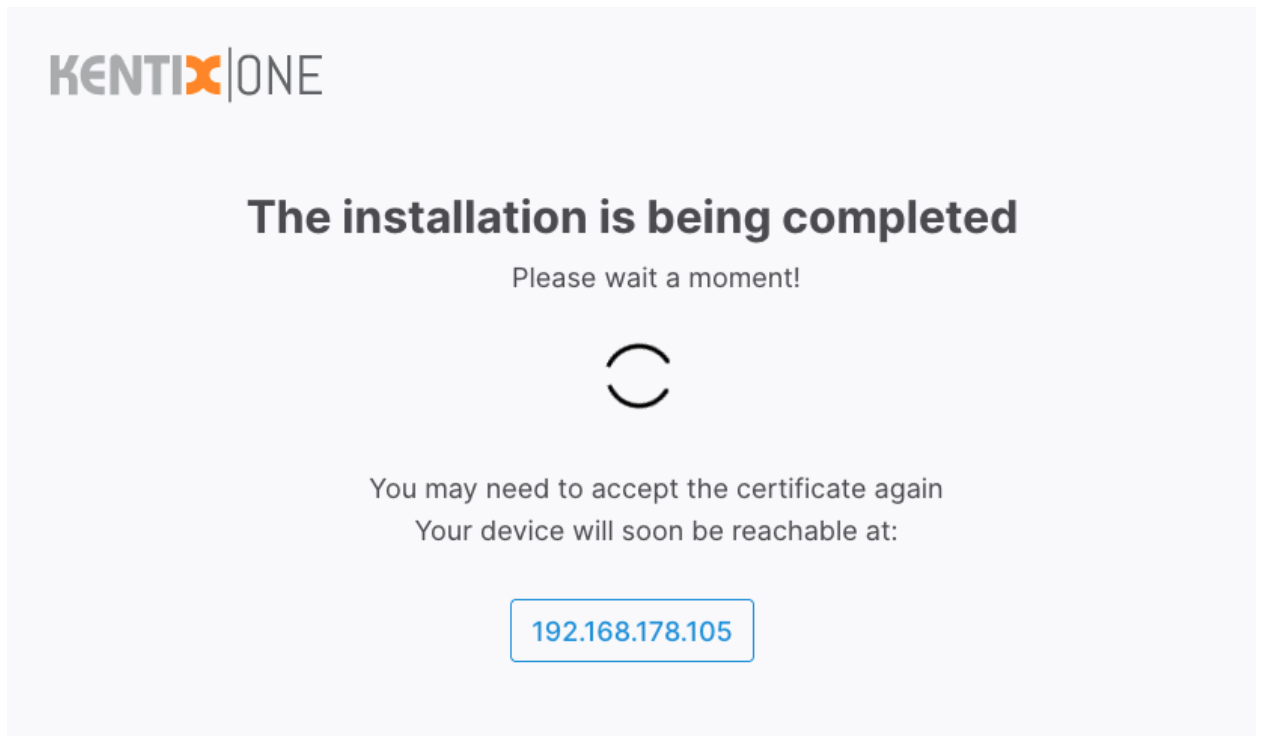
The email address of the user

Step 4 of 4

Previous

Complete

Create administrator account

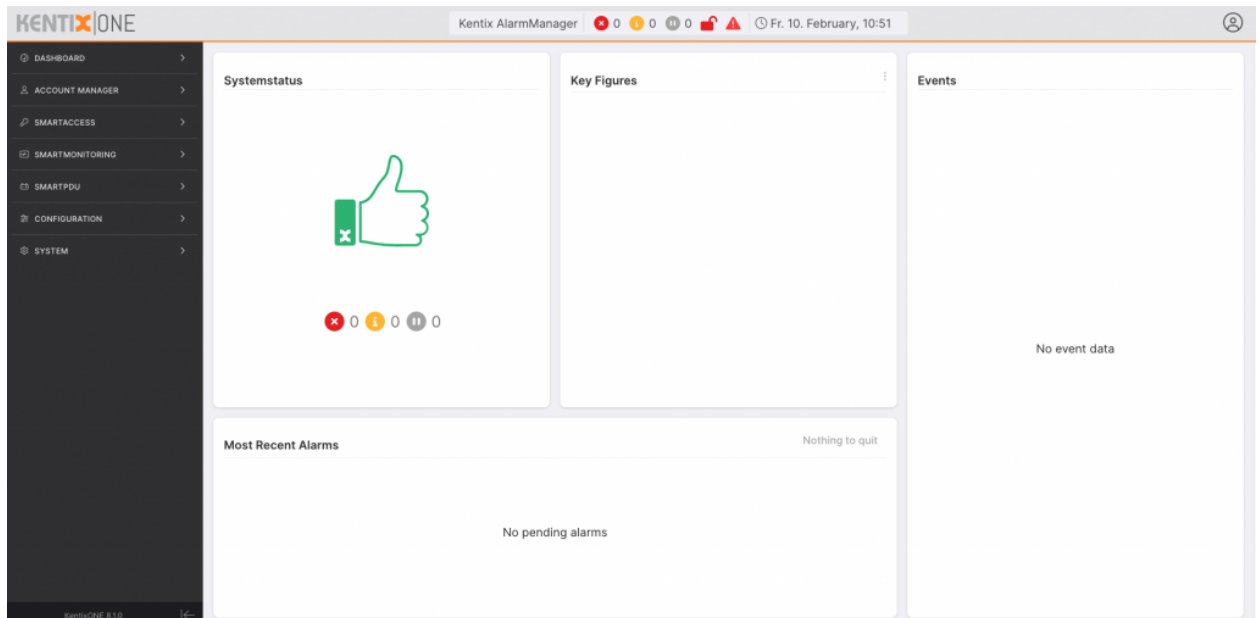


Completion of the installation

When all settings are saved and the system is ready, you will see a login dialog. This completes the basic installation.

The screenshot shows the Kentix AlarmManager login dialog. At the top left is the KENTIX|ONE logo, followed by the text "Kentix AlarmManager". Below this are two input fields: "Username" and "Password". Each field has a small icon (a person for username, a key for password) in a grey box on the left. At the bottom right is an orange "Sign in" button.

After logging in, you will be presented with the KentixONE Dashboard.



Add another device as a satellite

A **MultiSensor-LAN with PoE** is added here as an example. The device was manually updated to firmware version 8.01.x in advance and set to factory settings. It is integrated in the network and the IP address was determined by means of IP scanner software like the AlarmManager.

Call up the web interface of the satellite. The wizard for KentixONE appears here as well.

The first steps are identical to the one for the AlarmManager. In step 4, select "Satellite". Enter the IP address of the "Main" device in the "Main address" field. The communication key remains empty in the example.

KENTIXONE

Operation mode

Please choose your operating mode:

Main☐
Main device with full functionality. Can learn satellites and receive their data

Satellite☒
Satellite with limited functionality. Synchronizes and exchanges data with Main.

Main address:

Please enter the address of the main device:

Communication key:

This key is used to encrypt communication between wired Kentix devices (LAN/Ethernet) and must be entered equally on all devices in order...

Step 4 of 5

PreviousNext

Selection of operating mode, main data

KENTIX|ONE

Add admin

Full name*

The full name of the user

User name*

The username of the user

Password*

The password of the user

Confirm Password*

Enter the password again to confirm

Email

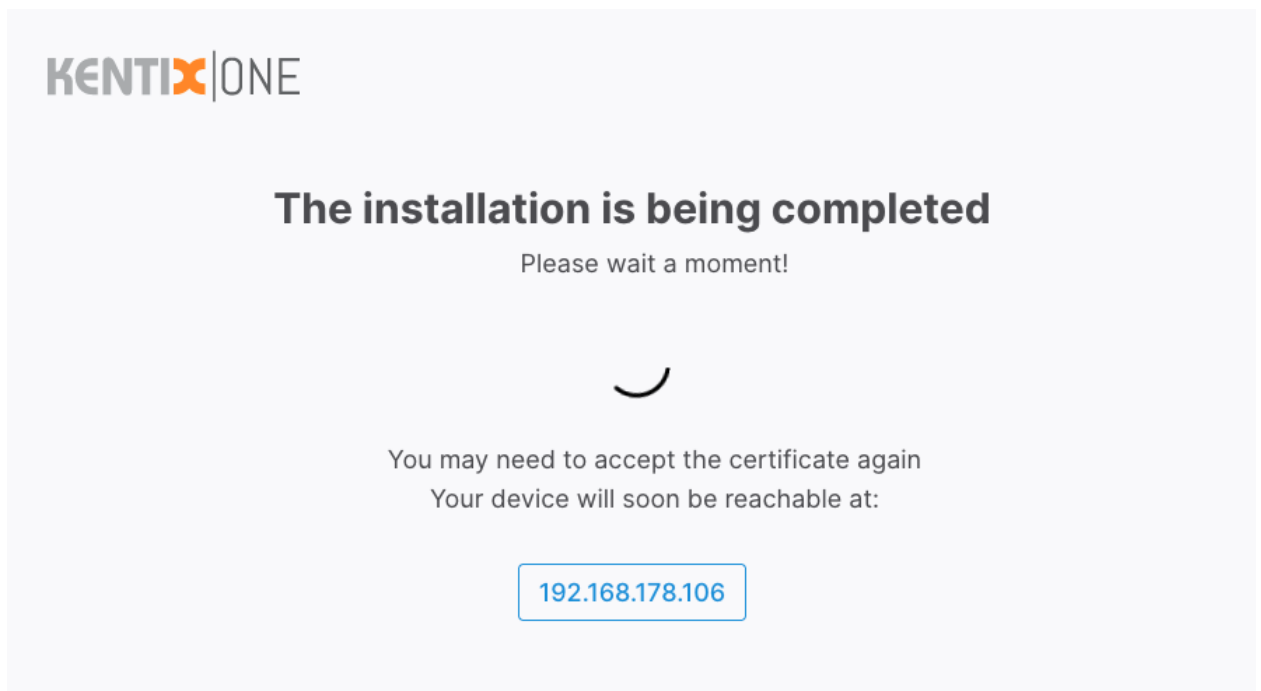
The email address of the user

Step 4 of 4

Previous

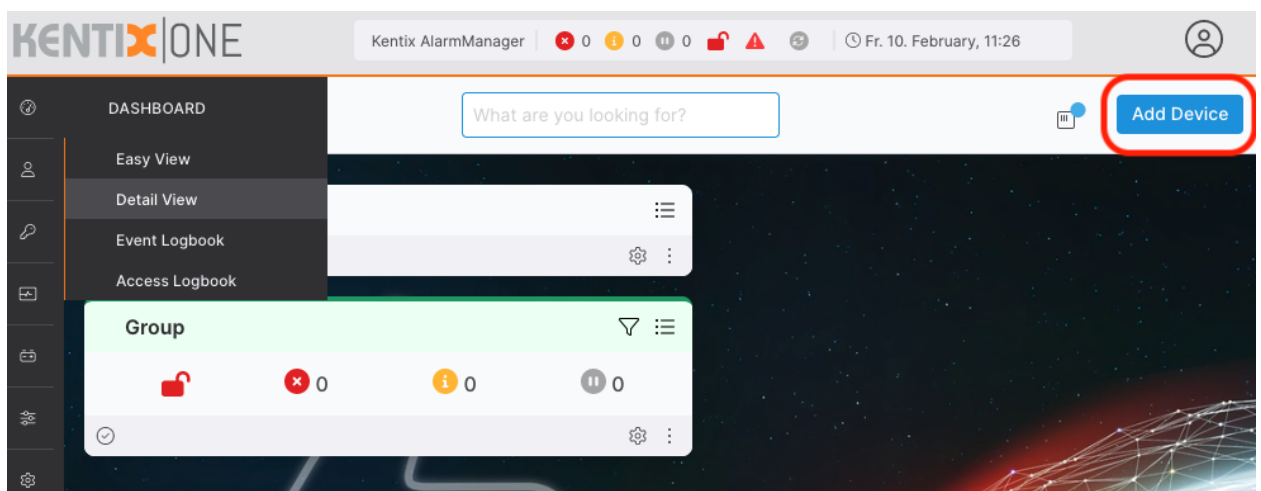
Complete

Create local admin



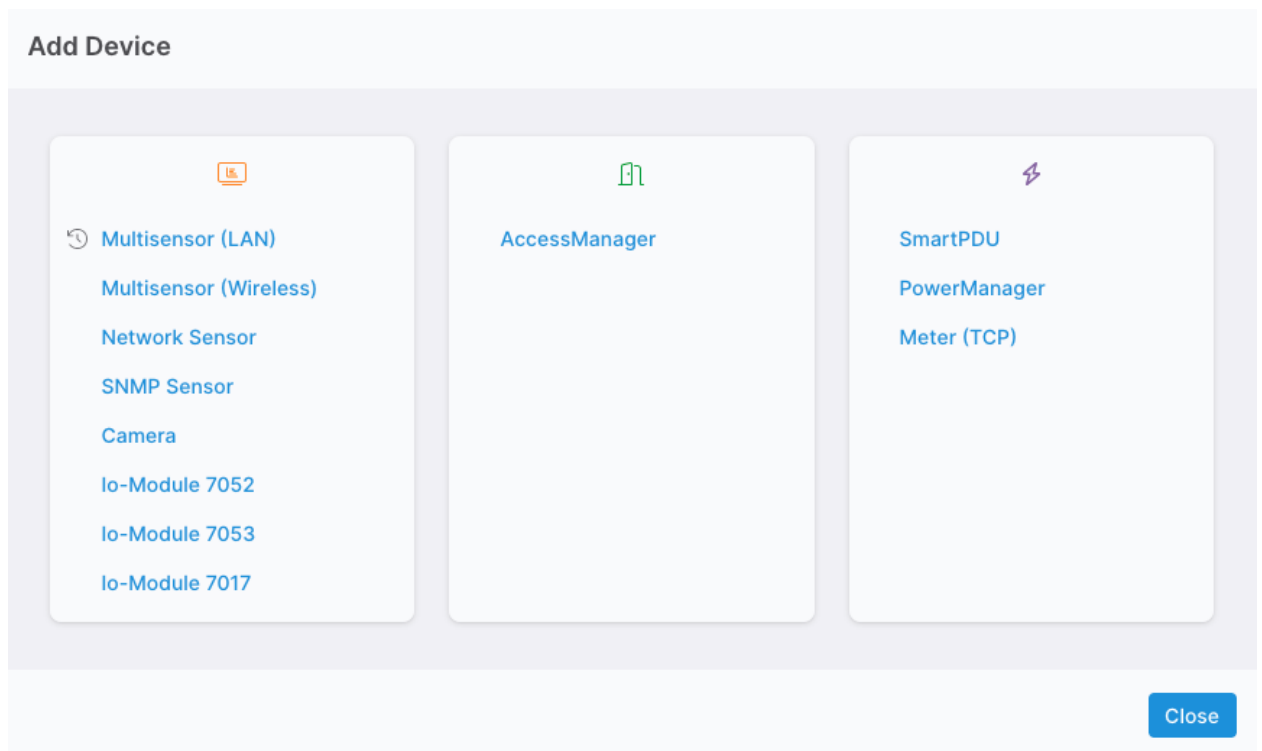
Completion of the installation

Log on to the manager again. Select "Add device" in the detail view.



Add device

Select the type of the desired device(here: *Multisensor (LAN)*)



Teach-in dialog. Enter the IP address of the satellite.

Teachin MultiSensor

Host

Kentix AlarmManager ↕

The device will be assigned to this host.

Alarmgroup

Group ↕

Assign this device to an alarmgroup.

IP-Address

IPv4-Address of the Multisensor.

Name

Name of the Multisensor.

Cancel

Add

Teach-in dialog

The status of the teach-in is displayed.

Teachin Status

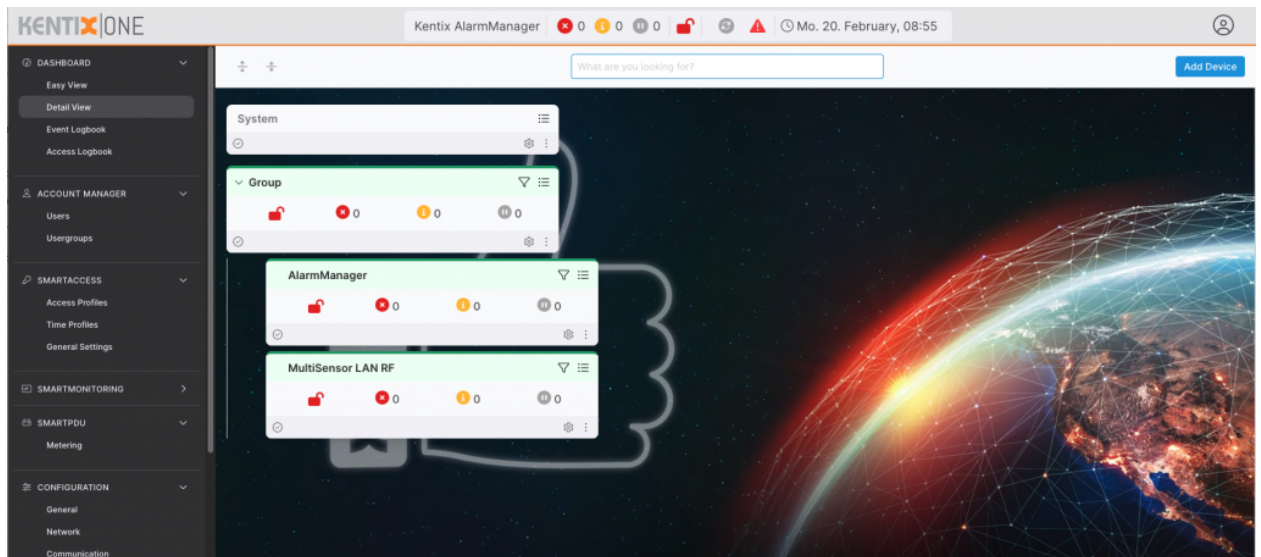


MULTISENSOR-LAN: Teachin in progress

OK

Teach-in status

After completion, the satellite is available as a resource in the Manager. All sensor values are now routed to the manager and managed here.



Satellites in the detailed view