



Description:

Distributed infrastructure - Multiple IT rooms distributed across several sites

IT rooms are distributed across several sites. Each site contains one or more rooms with IT cabinets, infrastructure and other technology that ought to be monitored completely.

The monitoring ought to be done from a central position and integrate all single areas into one system. If required, the monitoring solution ought to be expandable, for example with video surveillance or in order to integrate external sites.

In order to fulfill these requirements, an AlarmManager-PRO and a MultiSensor-RF is needed. The MultiSensor is connected to the AlarmManager with the included patch cable and is mounted on the server room ceiling with the included mounting bracket. All measured values are transmitted to the AlarmManager via radio. For larger server rooms (over 20qm/20sqft), an additional MultiSensor-RF can be installed per extra 20qm (20sqft).

In each IT/engineering room, one MultiSensor-LAN-RF is installed which is also mounted on the ceiling. The connection is carried out by the network to a PoE-compatible switch.

The AlarmManager takes over the complete monitoring and checks for pre-defined thresholds. If a threshold is exceeded, the device sends an alarm to up to 100 users - via SMS, e-mail, SNMP and push notification.

Furthermore, all MultiSensors in the system are constantly being monitored for availability.

For the monitoring of potential water ingress, a Kentix LeakageSensor is used. It can be connected directly to the AlarmManager or a MultiSensor-LAN-RF.

Additionally, a Keypad outside or inside the room documents all access.

LAN



KENTIX360

server room - main location



LAN (PoE)



AlarmManager-PRO KAM-PRO

Central unit with network, radio and GSM. Mounted on the wall. Power supply via PoE.

Systemport

Systemport



MultiSensor-RF KMS-RF

Mounted on server room ceiling. Communicates via radio. Power supply via system port.



LeakageSensor-ROPE KLS03-ROPE

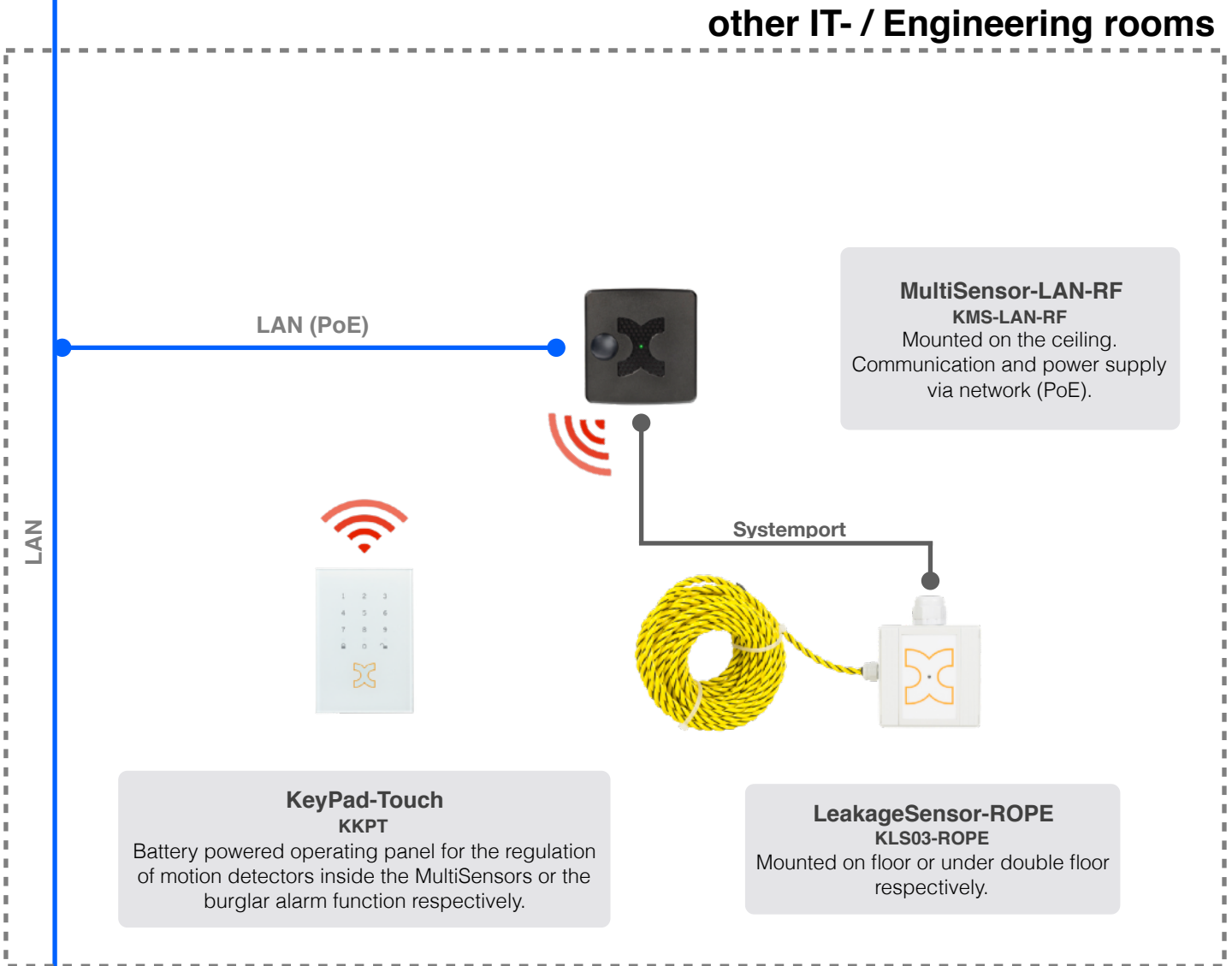
Mounted on floor or under double floor respectively.

KeyPad-Touch KKPT

Battery powered operating panel for the regulation of motion detectors inside the MultiSensors or the burglar alarm function respectively.



LAN



**Mounting and configuration: Main location - approx. 3-4 hours
Other locations - approx. 2 hours each**

System topology Expansions

LAN (PoE)



Digital I/O Expansion Module

KIO7053

Systems such as climate or USV systems can be integrated into the monitoring system via potential-free contacts by linking them to a network-compatible I/O module.

LAN



Camera (Indoor)

In case of an alarm, the AlarmManager can send an HTTP call to a network camera. The camera will begin recording or send pictures via e-mail.



MultiSensor-DOOR

KMS-DOOR

Battery powered MultiSensor for securing windows and doors with vibration sensor and magnetic contact.

LAN

Parts list - Ordering assistance - Main location

Device Name	Item Number	Quantity	Price in EUR
Alarm Manager-PRO	KAM-PRO	1	940,00 €
LeakageSensor	KLS03	1	185,00 €
KeyPad-Touch	KKPT	1	490,00 €

Parts list - Ordering assistance - Other IT/engineering rooms

Device Name	Item Number	Quantity	Price in EUR
MultiSensor-LAN-RF	KMS-LAN-RF	1	540,00 €
LeakageSensor	KLS03	1	185,00 €
KeyPad-Touch	KKPT	1	490,00 €

Expansions

Device Name	Item Number	Quantity	Price in EUR
Digital I/O Expansion Module	KIO7053	1	465,00 €
Camera	M3105-LVE	1	369,00 €
MultiSensor-DOOR	KMS-DOOR	1	155,00 €

All prices are list prices plus VAT.
Our offer is only addressed to business customers.