Description:
Alarm monitoring across branches

Several branch locations with remote IT or engineering rooms. The rooms are connected to a central location via WAN and ought to be monitored completely.

The monitoring ought to be done from a central location and integrate the single rooms on the sites into one system. If required, the monitoring solution ought to be expandable in order to add video surveillance or to integrate rooms not related to IT for example.

In order to fulfill these requirements, an AlarmManager-PRO and a MultiSensor-RF are 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 bigger server rooms (over 20qm/200sqft), an additional MultiSensor-RF can be installed per extra 20qm (20sqft).
In each remote IT/engineering room, a MultiSensor-LAN-RF is installed and mounted on the ceiling as well. The integration is carried out by the network to a PoE-compatible switch.

The AlarmManager takes over the complete monitoring and checks for predefined thresholds. If a threshold is exceeded, the device sends an alarm to up to 100 users - via SMS, e-mail, SNMP and push notification.
For the monitoring of potential water ingress, a Kentix LeakageSensor-ROPE is installed which can be connected directly to the AlarmManager or to a MultiSensor-LAN-RF. Additionally, a KeyPad outside or inside the room documents all access.
System topology

Server room main location

**KeyPad-Touch**
**KKPT**
Battery powered operating panel for the regulation of motion detectors inside the MultiSensors or the burglar alarm function respectively.

**MultiSensor-RF**
**KMS-RF**

**LeakageSensor-ROPE**
**KLS03-ROPE**
Mounted on floor or under double floor respectively.

**AlarmManager-PRO**
**KAM-PRO**
Central unit with network, radio and GSM. Mounted on the wall. Power supply via PoE.
**System topology**

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

**Other IT-/Engineering rooms**

- **MultiSensor-LAN-RF**
  - Mounted on the ceiling.
  - Communication and power supply via network (PoE).

- **KeyPad-Touch (KKPT)**
  - Battery powered operating panel for the regulation of motion detectors inside the MultiSensors or the burglar alarm function respectively.

- **LeckageSensor-ROPE**
  - Mounted on floor or under double floor respectively.

- **LAN (PoE)**
  - System port
System topology
Expansions

- **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.

- **LAN (PoE)**
  - **MultiSensor-DOOR**
    - **KMS-DOOR**
      - Battery powered MultiSensor for the protection of windows and doors with vibration sensor and magnetic contact.

- **LAN**
  - **MultiSensor-RF/-LAN**
    - **KMS-RF/-LAN**
      - Other premises on the single sites can be equipped with radio-linked MultiSensor-RF or network-compatible MultiSensor-LAN for the monitoring of potential fire or burglary.
### Parts list - Ordering assistance - Main location

<table>
<thead>
<tr>
<th>Device Name</th>
<th>Item Number</th>
<th>Quantity</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AlarmManager-PRO</td>
<td>KMS-PRO</td>
<td>1</td>
<td>940,00 €</td>
</tr>
<tr>
<td>MultiSensor-RF</td>
<td>KMS-RF</td>
<td>1</td>
<td>395,00 €</td>
</tr>
<tr>
<td>LeakageSensor-ROPE</td>
<td>KLS03-ROPE</td>
<td>1</td>
<td>from 370,00 €</td>
</tr>
<tr>
<td>KeyPad-Touch</td>
<td>KKPT</td>
<td>1</td>
<td>490,00 €</td>
</tr>
</tbody>
</table>

### Parts list - Ordering assistance - Other IT/engineering rooms

<table>
<thead>
<tr>
<th>Device Name</th>
<th>Item Number</th>
<th>Quantity</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiSensor-LAN-RF</td>
<td>KMS-LAN-RF</td>
<td>1</td>
<td>540,00 €</td>
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<tr>
<td>LeakageSensor-ROPE</td>
<td>KLS03-ROPE</td>
<td>1</td>
<td>from 370,00 €</td>
</tr>
<tr>
<td>KeyPad-Touch</td>
<td>KKPT</td>
<td>1</td>
<td>490,00 €</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Device Name</th>
<th>Item Number</th>
<th>Quantity</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera</td>
<td>M3105-LVE</td>
<td>1</td>
<td>369,00 €</td>
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<tr>
<td>MultiSensor-Door</td>
<td>KMS-Door</td>
<td>1</td>
<td>155,00 €</td>
</tr>
<tr>
<td>MultiSensor-RF / -LAN</td>
<td>KMS-RF / KMS-LAN</td>
<td>1</td>
<td>from 395,00 €</td>
</tr>
</tbody>
</table>

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