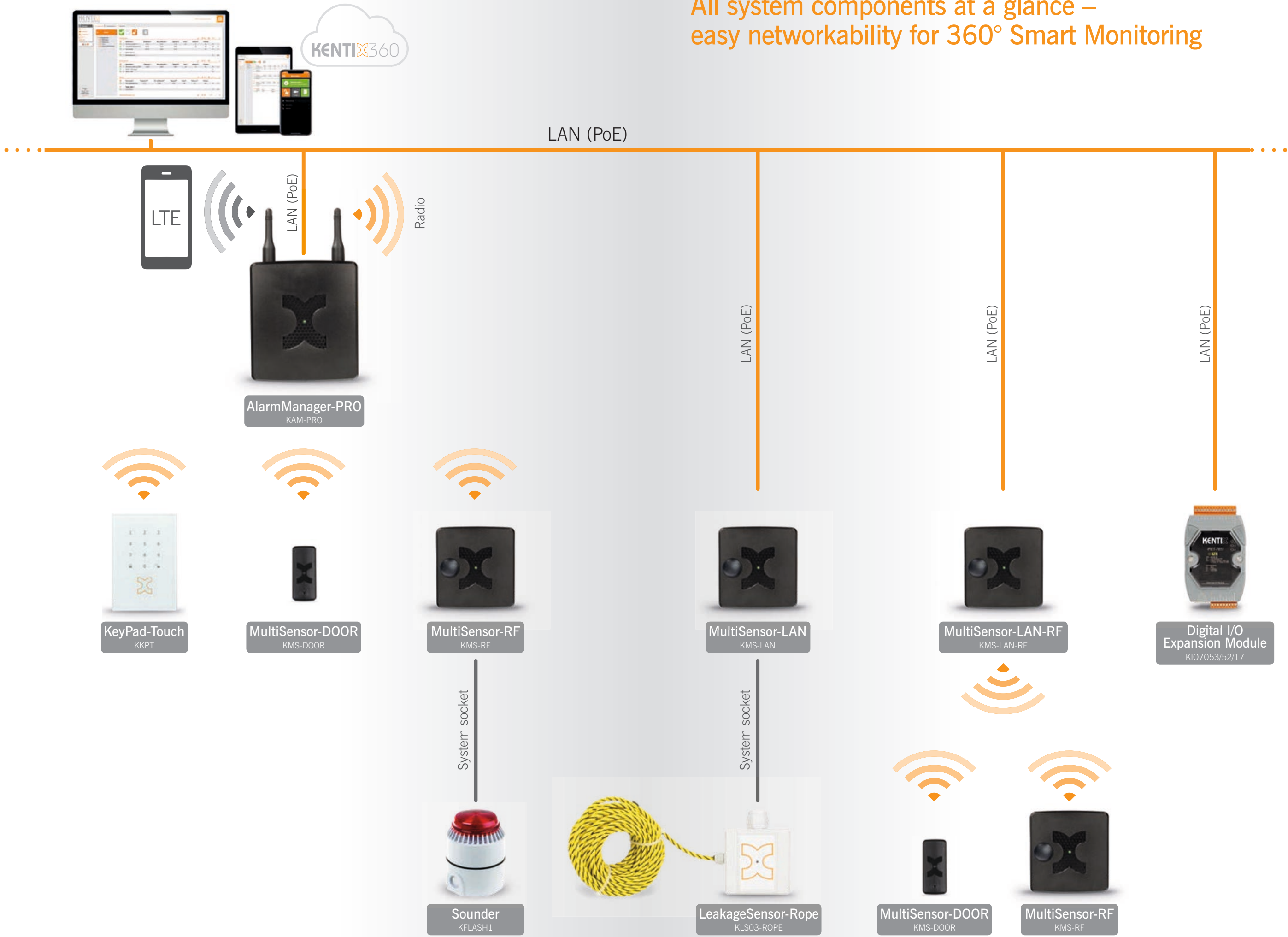


All system components at a glance –
easy networkability for 360° Smart Monitoring





BATT
RADIO

MultiSensor-DOOR

Ultra-compact MultiSensor for the detection of burglary attempts on doors, windows and moveable objects, including climate monitoring. It replaces classic door contacts and can very easily be mounted due to its magnetic contact that adapts to the conditions of the door or window respectively. The Multi-Sensor-DOOR is battery operated and has a very long battery life (up to 4 years).

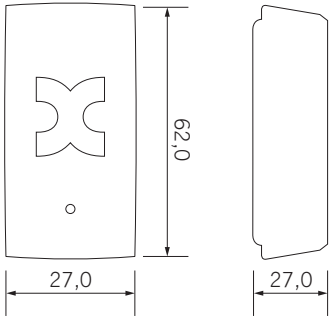


Products

Type	Housing color	Item number
MultiSensor-DOOR	Black	KMS-DOOR-B
MultiSensor-DOOR	White	KMS-DOOR-W

Accessories

Type	Item number
Spare battery	KER14250



Technical Details

Connectivity	AlarmManager-BASIC (KAM-BASIC); AlarmManager-PRO (KAM-PRO)
Sensor – Temperature	Measurement range -20°C/-4°F up to +99°C/210°F (accuracy +/- 0,5°C)
Sensor – Relative humidity	Measurement range 0 up to 100% (accuracy +/- 3%)
Sensor – Dew point	Measured in °C/°F
Sensor – Vibration	3 axis, sensitivity adjustable
Sensor – Reed contact	Magnetic sensor for door position (spacing up to approx. 1 cm)
Sensor – Sabotage	Sabotage message when disassembled
Signal transmitter	65dB, 2.3kHz
LED	Multicolor LED (Red/Green); ALARM (Red); Teaching-in (Green)
Radio	ZigBee® 2,4GHz; ISM Band +3dBm; output IEEE8 02.15.4; encryption AES 128 Bit
Power supply	Lithium-ion battery, 1/2 AA 3,6V (1.200 mAh); battery life up to 4 years (approx. 200.000 transactions)
Housing	Material: PS 62 x 27 x 27 mm; weight approx. 50g; colors: black, white
Environmental conditions	Temperature 0 – 45°C; humidity 5-95%, non-condensing
Delivery content	1x Li-battery 3,6V/1.200mAh, mounting material, magnet for REED contact
Audits	CE

LAN
PoE



Digital I/O Expansion Module

The I/O Expansion Module is connected to the AlarmManager-PRO and serves the connection of external alarm messages. It communicates via ethernet. This way, the module can be mounted in any arbitrary place. The configuration happens on the web interface of the AlarmManager-PRO. Via the integrated web server, the module offers an easy IP configuration and testing of the in/outputs without additional software. Up to 32 modules (500 alarm inputs max.) can be operated on one AlarmManager-PRO.



Products

Type	Inputs	Outputs	Configuration alarm outputs	Item number
I/O Module	Digital inputs for voltage wiring; ON: +10-50VDC, OFF: +4DC; input impedance: 10kOHM, overvoltage protection 70VDC	Open-Collector outputs 10-40VDC, capacity 650mA (up to 1.1A overcurrent protection), overvoltage protection 47VDC	Openly assignable and switchable	KIO7052
I/O Module	Digital inputs for potential-free wiring, ON: open, OFF: input switched to GND	—	—	KIO7053
I/O Module	8 analog inputs for measured values 0-10V, 4-20mA	—	—	KIO7017

Accessories

Type	Item number
PoE Injector	KPOE150S
External Temperature Sensor (IP66) -50°C to 100°C	KESAN1
External cable Temperature Sensor (IP66) -50°C to 100°C	KESAN2

Technical Details

Connectivity	External alarms of existing system components (air conditioners, UPS systems, generators, alarm systems)
AlarmManager	Connection to Kentix AlarmManager-PRO
Configuration	Integrated web server (HTTP)
Protocols	KAM-IO-Communication per IP-Port: 502 (Default)
Security	ID, password and IP filter
Terminal clamps	Pluggable screw terminals for cables up to 1 mm²
Isolation	Ethernet 1,5kVDC, I/O 3,7kVrms
Environment	Operating temperature -20°C up to +60°C, relative humidity 10-90% non-condensing
Network	LAN 10/100 Base-TX (PoE)
Power supply	PoE (Class 1) or external adaptor 12-32VDC, 3Watt
Housing	76 x 128 x 38 mm (DIN rail assembly)
Delivery content	KIO7052/KIO7053/KIO7017, 3m patch cable, terminal block, manual
Audits	CE

