Software	Kentix!OS, stand-alone operation with integrated web server (HTTPS)
Connectable devices	Connection via network to AlarmManager-PRO
Sensor - Temperature	Range -40 to 85°C / -40 to 185°F (accuracy ± 0,5°)
Sensor - Relative humidity	Range 0 to 100% (accuracy ± 3%)
Sensor - Dew point	Calculated in °C/°F
Sensor - IR thermal array	1024 pixel infrared array, measuring range -40 to 1,000°C, detection cone depending on type: 40° or 90°, range up to approx. 6m, Measurement: temperature image, motion/direction of motion, object detection
Sensor - Vibration	3-axis acceleration sensor with position detection (sensitivity adjustable), measuring range 1-5G
Sensor - Carbon monoxide (CO)	0-1.000ppm measurement ± 10%, Internal resolution: 20-1.000ppm (0-100%), Lifetime 10 years
Sensor - Air quality (VOC)	Measurement according to IAQ (Index for Air Quality), IAQ value 0-500 according to IAQ table*
Sensor - Air pressure	Measuring range 300 - 1.100hPa, height above sea level
Sensor - External alarm input	2 x alarm input (e.g. Armed-Active, Always-Active) Dry contact wiring via separate KIO1/KIO3 power adapter
Buzzer	85dB, 2.3kHz
External alarm output	2 x alarm input (e.g. armed-active, continuous-active alarm). Wiring with dry-contacts via separate KIO3 power adapter
LED	ALARM (red), RUN (green) LINK/ACT at the LAN jack
Ethernet (LAN)	10/100Mbit LAN connection, Integrated web server (HTTPS, Port: 443) with server certificate
SD card	Integrated micro SD card holder as additional storage for image recording, up to 128 GB
SNMP	SNMP V2/3 (write/read), SNMP Traps (Simple Network Management Protocol)

ReST API	ReST API with JSON objects (HTTPS), Webhooks with free data structure
Power supply via Power over Ethernet (PoE)	12-72VAC/DC power consumption ca. 1.5W, PoE class 1
KENTIX system jack	RJ45, for power supply and connection of external IO-modules (KIO1/KIO3 power adapter required)
Chassis	Material: PS 90 x 90 x 45 mm, Weight: approx. 100g Color: White, Black
Environmental conditions	Temperature 0 - 50°C / 32 - 122°F Humidity 5-95%, non-condensing
Types	KMS-TI-B (Chassis Black) KMS-TI-W (Chassis White)
Content of delivery	Mount bracket, mount material, slim line cable 3m
Accessories	PoE Injector (KPOE150S) PowerAdapter with power supply (KIO3) Leakage sensor (KLS03) Dust-Dirt Sensor (KDS01)
Approvals	CE

Measurement of air quality according to IAQ Index*

IAQ Index	Air Quality	Impact (long-term exposure)	Suggested action
0 – 50	Excellent	Pure air; best for well-being	No measures needed
51 – 100	Good	No irritation or impact on well-being	No measures needed
101 – 150	Lightly polluted	Reduction of well-being possible	Ventilation suggested
151 – 200	Moderately polluted	More significant irritation possible	Increase ventilation with clean air
201 – 250	Heavily polluted	Exposition might lead to effects like headache depending on type of VOCs	optimize ventilation
251 – 350	Severely polluted	More severe health issue possible if harmful VOC present	Contamination should be identified if level is reached even w/o presence of people; maximize ventilation & reduce attendance
> 351	Extremely polluted	Headaches, additional neurotoxic effects possible	Contamination needs to be identified; avoid presence in room and maximize ventilation