KENTIX
Innovative Security
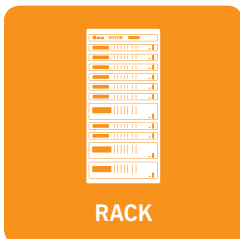
IT-Rack Monitoring
The KENTIX MultiSensor-RACK is more than just an intelligent PDU

HTTP

SNMP - E-MAIL

RACK

VOLTAGE
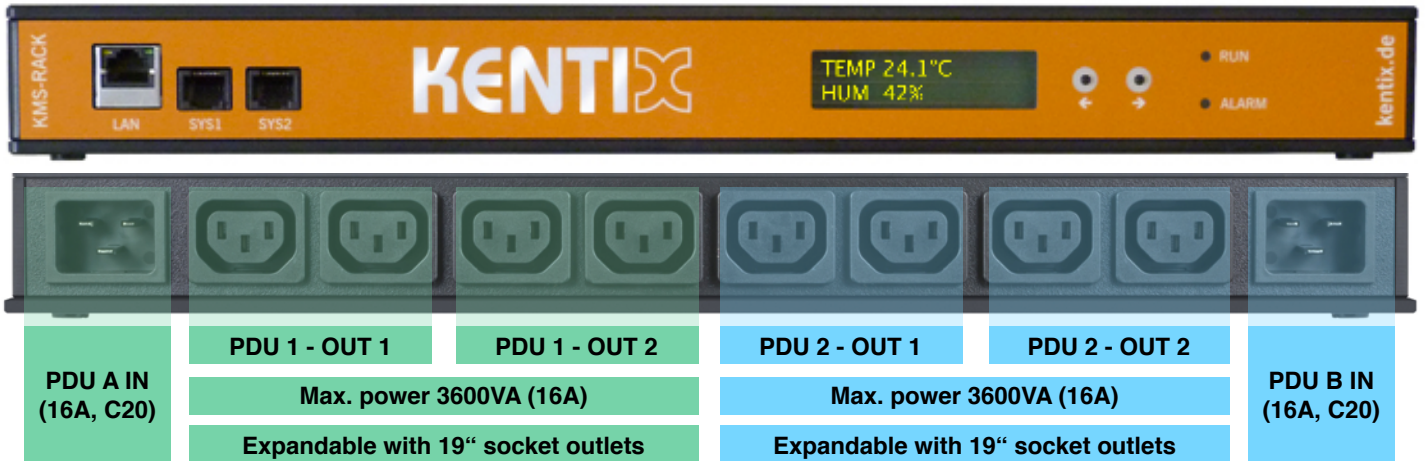
NEW FUNCTIONS!
✓ More PDU power 2 x 3.600VA (7.200VA)
✓ PDU now 4-way switchable
✓ Voltage analysis (Sag, Swell, Peak)
✓ Realtime chart

Surveillance and monitoring of all risks in the IT rack with integrated PDU and power analysis

Early detection of all critical risks in IT-racks ■
Realtime alarming via E-Mail or SNMP ■
Two independent Power Distribution Units (PDU) for up to 80 outlets ■
Configuration and operation via build in web-server ■
Expandable with Kentix AlarmManager-PRO ■

Meets IT GRUNDSCHUTZ

Basis for greenIT

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The KENTIX MultiSensor, a device that detects all critical threats in IT-racks!

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KMS-RACK

LAN SYS1 SYS2

KENTIX

TEMP 24.1°C
HUM 42%

RUN
ALARM

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PDU A IN (16A, C20)	PDU 1 - OUT 1	PDU 1 - OUT 2	PDU 2 - OUT 1	PDU 2 - OUT 2	PDU B IN (16A, C20)
	Max. power 3600VA (16A)		Max. power 3600VA (16A)		
	Expandable with 19" socket outlets		Expandable with 19" socket outlets		

Functions

- HTTP
- MONITORING
- BUZZER
- RACK
- SNMP - E-MAIL
- BILLING
- PDU

Sensors

- THERMO
- HUMIDITY
- DEWPOINT
- FIRE
- VIBRATION
- VOLTAGE
- EXT-IN-OUT

Function	All-in-one sensor system with PDU, LAN connection and build-in Web server. For stand-alone application with e-mail alerts, or in conjunction with a network monitoring system via SNMP.
System expansion	Connection to Kentix AlarmManager-PRO
Chassis	IT-Rack 1 HE (44mm), 19" mounting brackets dimensions: 418 x 165 x 44 mm (B x T x H)
Configuration	Build-in Web-Server (HTTP)
Protocols	HTTP, FTP, DNS, DHCP, NTP, ESMTP (SSL), SNMP V1/2
Messaging - Data	E-Mail (ESMTP) with authentification, up to 5 recipients SNMP V2 Traps (thresholds, coldstart, login) SNMP SET/GET, read/write of measurement values (MIB download) Web-Service (XML-Daten) SMS alarming with AlarmManager-PRO
Temperature Humidity - Dewpoint	0 bis 99°C measurement range 0 bis 100% measurement range Dewpoint calculation from temperature and humditiy
Fire detection (CO)	Carbon monoxide measurement >10ppm, configurable threshold from ca. 10 - 400ppm für early fire detection
Motion	Vibration sensor with configurable sensitivity
Signalling	Integrated buzzer with 85dB/1m, 2,3kHz
Connections	LAN 10/100MBit (IP V4/V6) Kentix system jack (2 Stck) for external alarms (leakage or door-contact)
Power measurement	Voltage (V), current (A), power (W), consumption (kWh), active power factor, cost per kWh, consumption total/month Measurement accuracy +/-0.5% (at 20°C)
Voltage analysis	Sag-detection (Flicker), swell-detection, peak-detection (4 kHz sampling)
Monitoring	Data recording temp/hum/dewpoint and graphical visualization Data recording of power, consumption in 15 minute resolution Real-time power recording (current, voltage, peak, alarms)
Display	OLED display for alarms and realtime measurement values LEDs for ALARM and RUN display
Power	100-250AC/16A (20A-US), internal power consumption ca. 4VA Optional with A-B feed supply
PDU	8 socket outlets (C13 - IEC 60320, 10A) with cable strain relief Maximal power distribution 7.200VA with A+B supply each 3.600VA (230V) Maximal power distribution 4.600VA with A+B supply each 2.300VA (115V) Switchable socket outlets (2 outlet banks per PDU with timer/reset function)
Content of delivery	2 pc. IEC power cable 3m (C14/C19), 19" mounting brackets
Order-No.	**KMS-RACK**

06-2014

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