

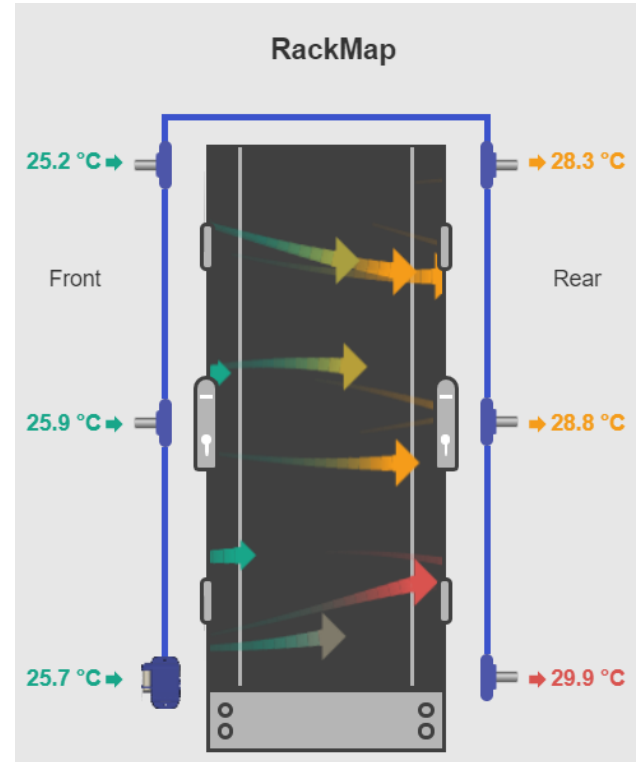
A server room with orange-tinted server racks and white server cabinets. The room has a grid ceiling with recessed lights. The orange tint is applied to the left side of the image, while the right side shows the original colors of the server cabinets.

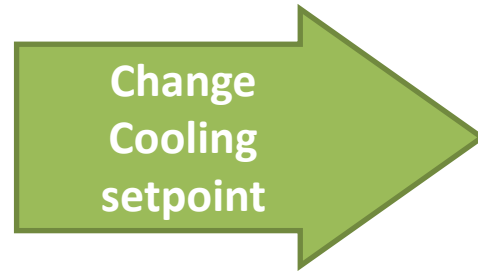
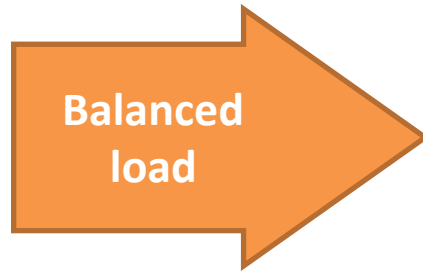
WELCOME TO
CONTEG WEBINAR

CONTEG

Why monitor Environment?

- Secure
- Balance
- Optimization





Why secure Access?

- Security
- Dedicated access
- Surveillance





RAMOS

CONTEG

RAMOS Mini

- Support Up to 3 sensors (temperature, humidity)
- dry contact input & Relay output
- 4 thresholds
- Build in Web server
- Email & SNMP trap
- Included free temperature sensor



RAMOS Mini - Accessories

- Temperature, Humidity [splitter]
- Magnetic Door Contact
- Smoke, Motion, leakage detectors & siren * [require ext. power supply]

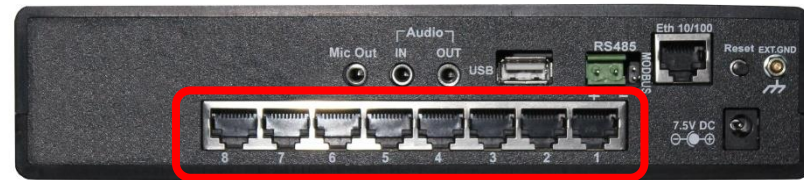
Accessories dedicated for RAMOS Mini only!



Intelligent RAMOS

Intelligent ports

- Universal use [variability]
- Autosense
- Connection via LAN cables
- Power up all accessories
- Optionally Input/Output



RAMOS Plus

- 4 Intelligent ports
- 5 Virtual sensors [upgrade possible]
- Advance notification
- Syslog, SNMP v3, Modbus TCP/IP
- E-mail & traps
- Multiple Languages
- Optional variant with **4G** modem **[new]**



NEW

RAMOS OptimaX

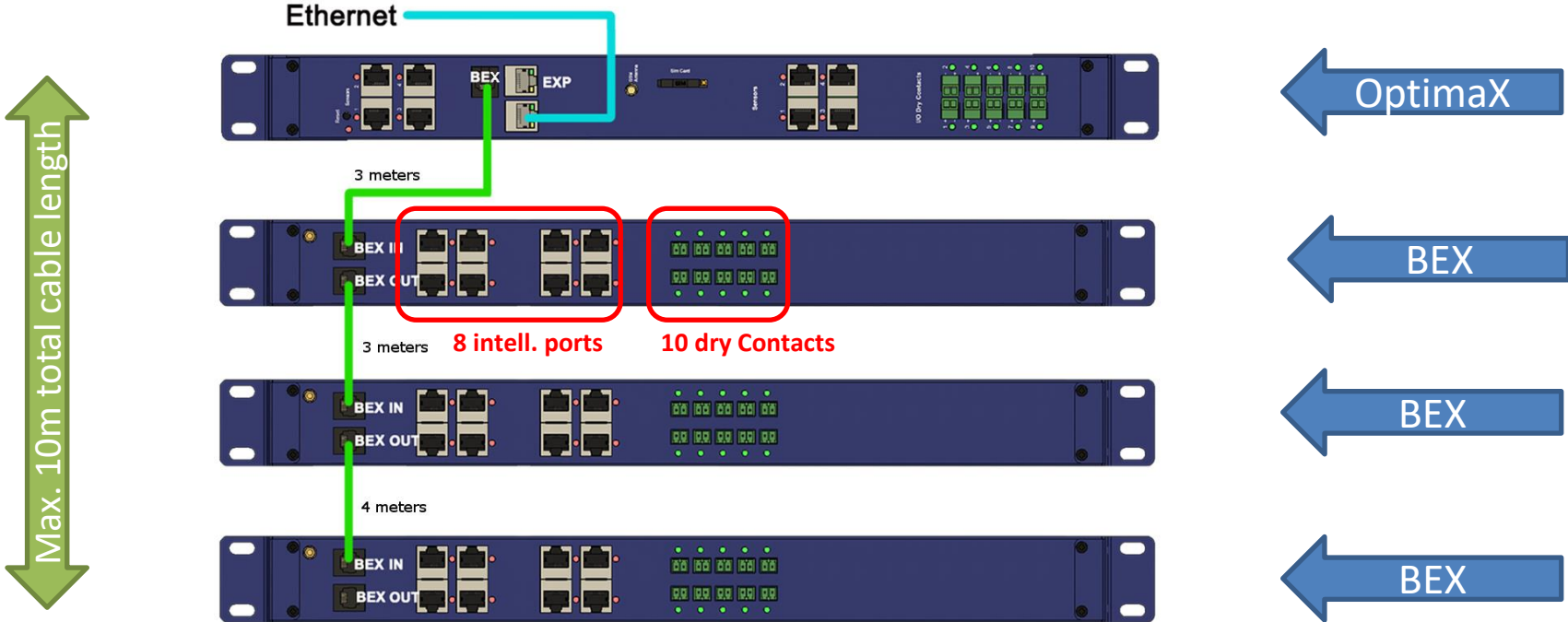


- 8 Intelligent ports
- 10 Dry contacts
- Up to 150 sensors [expandable]
- New Basic Expansion system [BEX]
- 10 Virtual sensors [upgrade possible]
- Rack Mapping & advance notification
- SNMP [all] and Modbus TCP [RTU via adapter]
- Multiple Languages
- Optional variant with 4G modem
- Support new accessories



NEW

RAMOS-BEX-I8-D10 for basic expansion



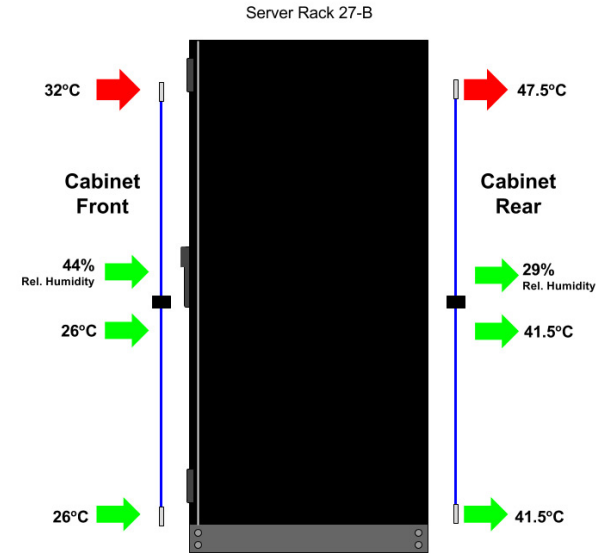
LCD + Temperature for Ramos Plus and OptimaX

- Connected via Intelligent port
- Intelligent sensors data
- Virtual sensors data
- Measure temperature
- Up to 8 info – in Sequence
- 170 x 97 x 31 mm



Thermal Map sensors: 3T+1H

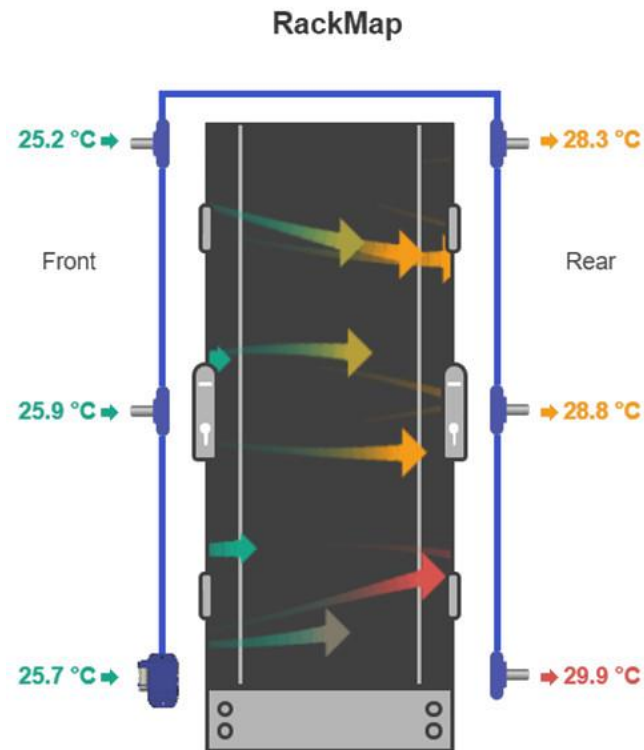
- Thermal Map sensor with 3 temperature and 1 humidity probes [RMS-P-ST3H]
- 3 layers temperature monitoring



NEW

Thermal Map sensors: 6T

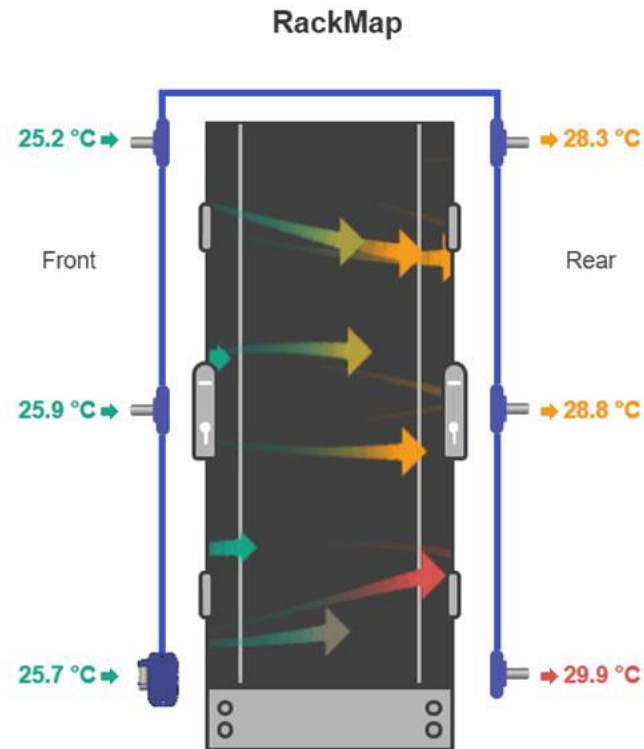
- Thermal Map sensor with 6 temperature probes [RMS-P-ST6]
- Monitoring temperature on front and rear 3 layers
- + calculated temperature difference in each layer [3x]



NEW

Thermal Map sensors: 6T+2H

- Thermal Map sensor with 6 temperature and 2 humidity probes [RMS-P-ST6H2]
- Monitoring temperature on front and rear 3 layers
- Humidity on front and rear
- + calculated temperature difference in each layer [3x]



NEW

Accessories for Plus and OptimaX:

- Mini Relay Box [RMS-P-RB]
- Adapter or ext. sensor [RMS-P-SENS]
- Modbus RTU adapter for OptimaX only



RAMOS Ultra

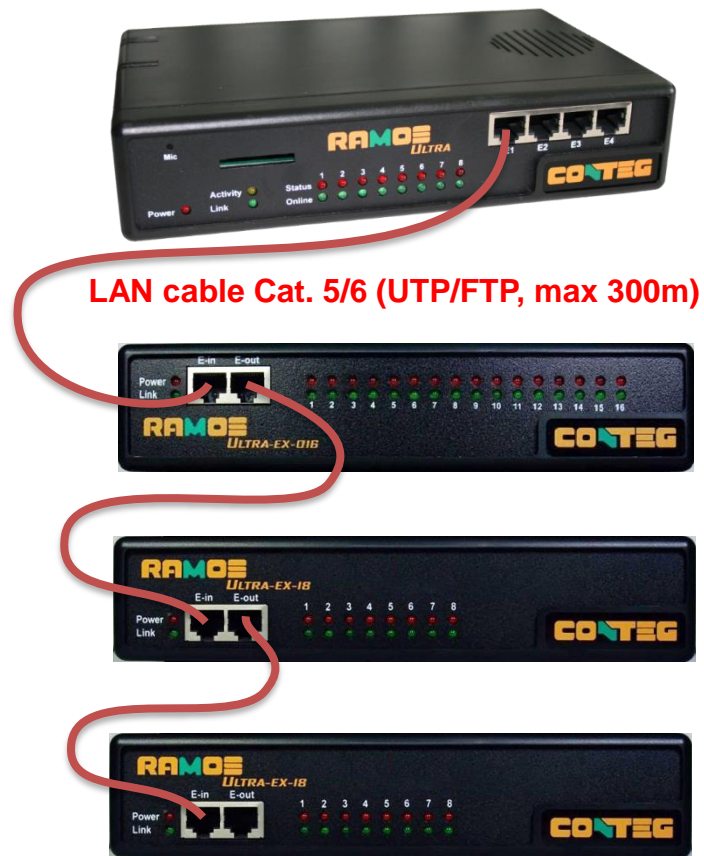
- Up to 500 sensors [expandable]
- Mapping & advance notification
- Virtual sensors [80]
- SNMP [all], Modbus RTU & TCP
- Multi-language
- Support SD cards



Temperature in current position

Example of extension:

- Up to 300m LAN cable for connection between units
- Daisy-chain structure



RAMOS Ultra - Expanders

- EX-I8 [8 intelligent ports]
- EX-O16 [16 opt. isol. dry contact]
- EX-D64 [64 dry contacts - 1U]
- EX-D128 [128 dry contacts - 1U]
- EX-D192 [192 dry contacts - 2U]



Intelligent Accessories:

- Temperature sensor
- Temperature & humidity sensor
- Smoke detector
- Motion detector (daisy-chaining)
- Leakage detector (3 variants)
- Airflow sensor
- Siren&Strobe light
- Relay
- Specialized sensors:
e.g. 4-20mA convertor





ACS

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Standalone ACS

- Standalone el. Latches
- Powered by battery (3x AA)
- Keypad or Mifare Card reader variant
- Programing by special keys
- No Wires and not complicated connections 😊
- Single point locking!

DP-ZM-ES-C
DP-ZM-ES-K

(Card)
(Keypad)



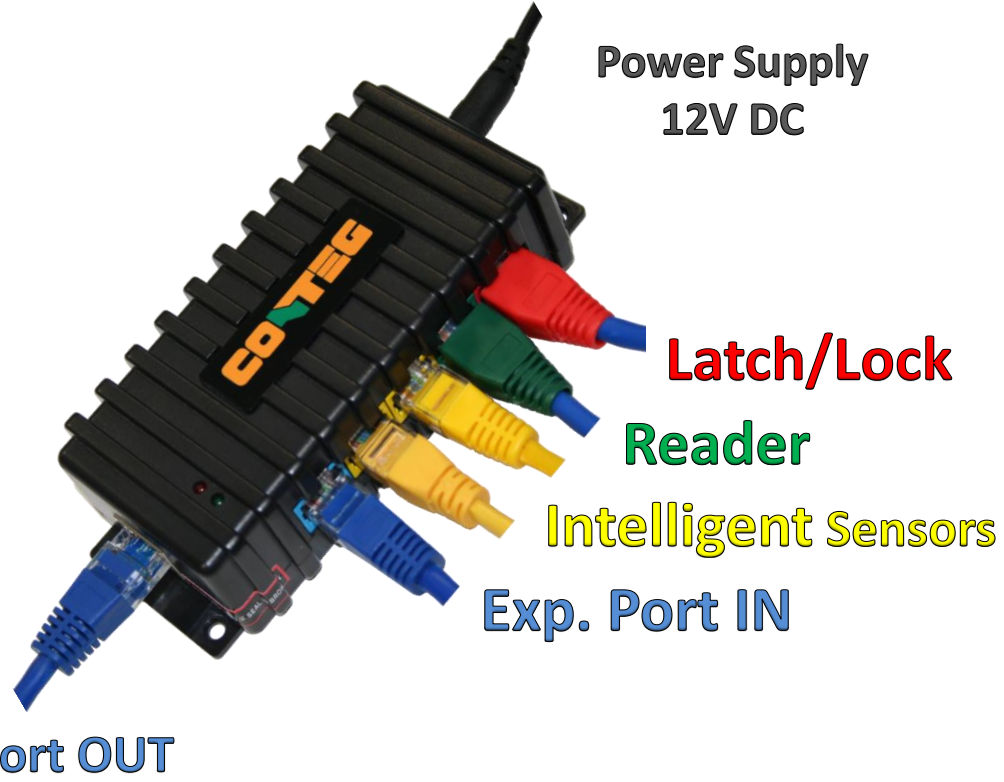
Centralized ACS

- Via Ramos Ultra / Ultra ACS
- Up to 100 / 50 Racks per IP
- Real-time information
- Remote setting
- Variable access verification
- History
- Can be combine with monitoring



Rack Door Unit [RDU]

- Expander for ACS
- Up 25 in one expansion line
- 2 intelligent ports for accessories
- Power supply included



Access interface / Readers

Lock / latch control

Combine version

RMS-ACS-U-KER

RMS-ACS-U-MCR



DP-ZM-E2



DP-ZM-E1



DP-ZM-EML-S



DP-ZM-EML-LW



NEW

Multiformat card reader

- Supported media:
 - 125kHz EM & HID Prox
 - 13.56MHz MIFARE Classic®, Plus®, DESFire®
 - NFC [Android phone with OS 4.4 and higher]
- Wiegand communication with controller
- Configurable



NEW

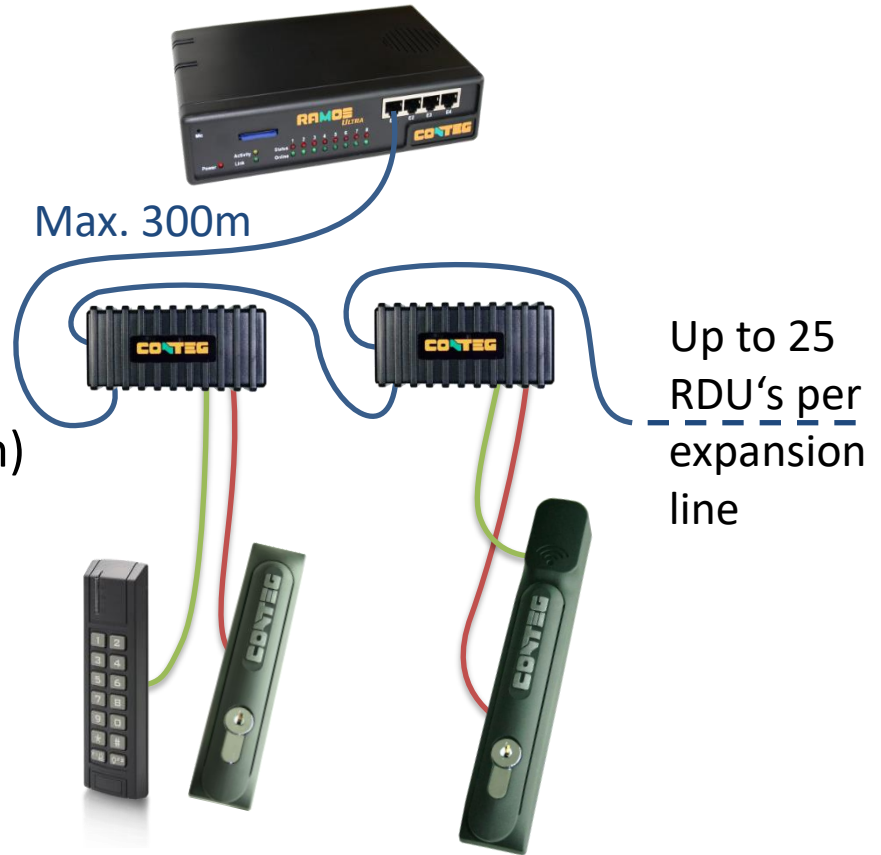
Face recognition ACS

- Camera with IR Light
- Supported media:
 - 125kHz EM
 - 13.56MHz MIFARE, MIFARE Plus, DESFire/EV1
- TCP connection for setting
- Wiegand communication with controller
- Cables and external power supply included

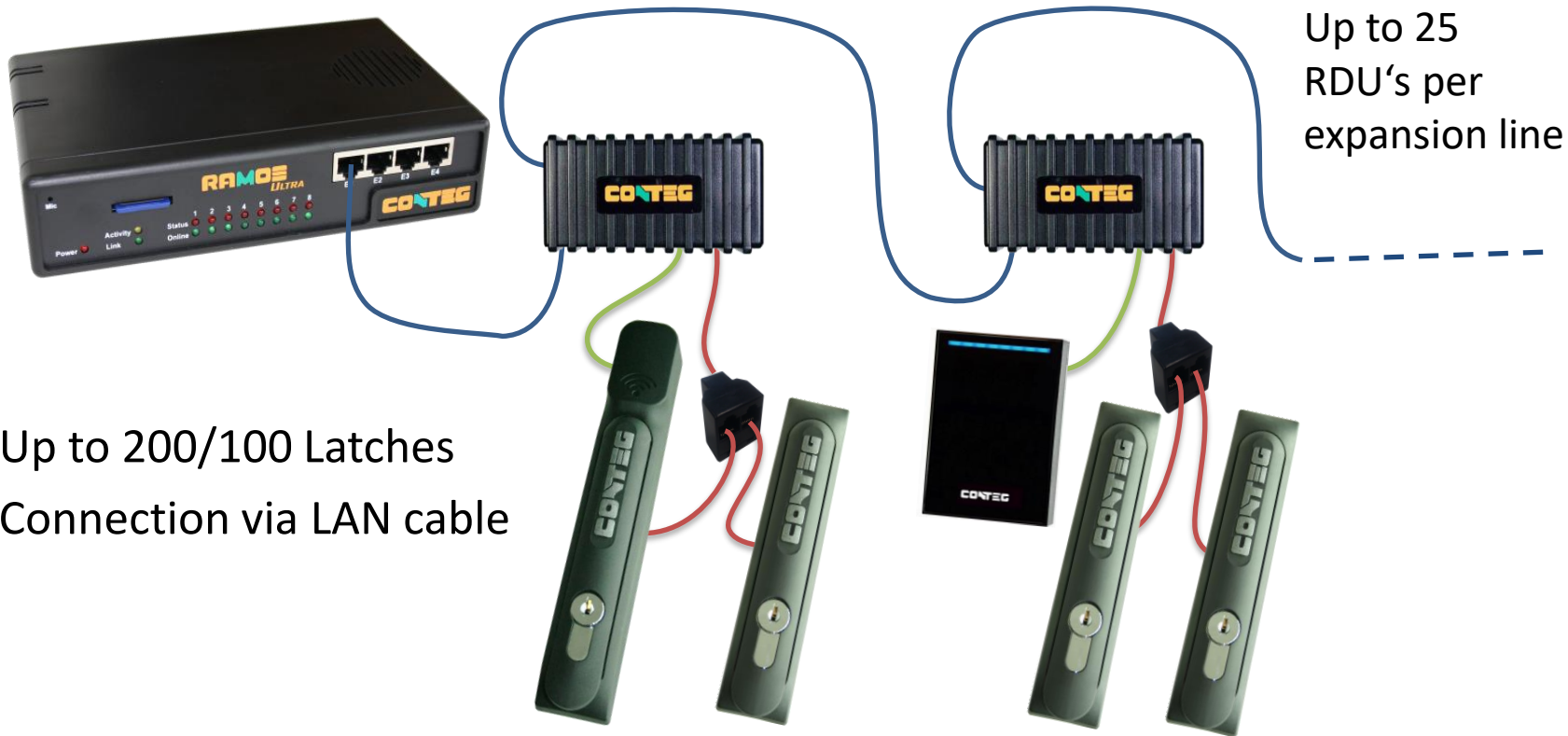


Single door control

- Up to 100/50 Latches
- Connection via LAN cable (up to 300m)



Dual door control



- Up to 200/100 Latches
- Connection via LAN cable



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