# RFID
# RCP




## Applications:

- Access control and employee identification systems
- Industrial machinery access authorization
- Public facility monitoring (stadiums, exhibition halls)
- Wireless transaction systems (e.g. in diners)
- Logistical systems for storeroom management and tracking resources
- Employee work time recording

## Characateristics:

- 4x20 characters LCD display - enables customization by displaying various messages or applied RFID tag data.
- A variant equipped with buttons allows the worker to declare the reason for entry or exit (private/official), making work time accounting easier.
- Control over two relay outputs and monitoring two digital inputs.
- HTTP, Modbus TCP, Modbus RTU, SNMP, SNTP communication protocols support.

## Technical characteristics

| | | | |
|---|---|---|---|
| Power supply | PoE: 33-57V IEEE 802.3af (RCP PoE) | Passive PoE 10-24V DC (RCP Passive PoE) | |
| | 10-24V DC, 3,5mm screw terminal | | |
| Power consumption | Max. 2,5W | | |
| Transponders | Unique EM4100, EM4102 | Mifare ® (Classic, Plus (UID), DESFire (UID)) | |
| Memory | 1000 tags, 30 000 events | | |
| Inputs | Amount of digital inputs: 2 | Input type: NO (Normally Open) | |
| Outputs | Amount of outputs: 2 | Output type: NO, relay | Maximum relay load: 1A @ 30V DC |
| Communication | Ethernet 10Mbps, RJ45 port | RS485 port (Modbus RTU) | |
| Enclosure | IP rating: IP30 | Dimensions: 155,7 x 150,6 x 35,8mm | |
| Operating temperature | From -10°C To +55°C | | |

| Version | RFID standard | | Power supply | | | Function keys | Catalogue number |
|---|---|---|---|---|---|---|---|
| | Unique | Mifare® | PoE 802.3af | Passive PoE 10-24V DC | 10-24V DC | | |
| RCP 125kHz | ✓ | | | ✓ | ✓ | | RC-0001-0002-00 |
| RCP 125kHz with function keys | ✓ | | | ✓ | ✓ | ✓ | RC-0001-0042-00 |
| RCP 125kHz PoE | ✓ | | ✓ | | ✓ | | RC-0001-0003-00 |
| RCP 125kHz PoE with function keys | ✓ | | ✓ | | ✓ | ✓ | RC-0001-0043-00 |
| RCP 13,56MHz | | ✓ | | ✓ | ✓ | | RC-0002-0002-00 |
| RCP 13,56MHz with function keys | | ✓ | | ✓ | ✓ | ✓ | RC-0002-0042-00 |
| RCP 13,56MHz PoE | | ✓ | ✓ | | ✓ | | RC-0002-0003-00 |
| RCP 13,56MHz PoE with function keys | | ✓ | ✓ | | ✓ | ✓ | RC-0002-0043-00 |