RFID
RCP2

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

Characteristics:

- NFC-equipped smartphones can be utilized as access tokens.
- 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.
- Ethernet and Wi-Fi (option) communication.
- HTTP(S), MQTT(S), Modbus TCP, Modbus RTU, SNTP communication protocols support.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af (RCP2 PoE)		
	10-24V DC, 3,5mm screw terminal		
Power consumption	Max. 2,5W		
Transponders	Unique EM4100, EM4102		HITAG 2
	ICODE® (ISO15693)	Mifare ® (Classic, Plus (UID), DESFire (UID))	
Memory	5000 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	Wi-Fi (option)	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		Wi-Fi	Function keys	Catalogue number
	Unique	HITAG 2	Mifare®	ICODE	PoE 802.3af	10-24V DC			
RCP2 125kHz Uni	✓					✓			RC2-0001-0000-00
RCP2 125kHz Uni with function keys	✓					✓		✓	RC2-0001-0040-00
RCP2 125kHz Uni PoE	✓				✓	✓			RC2-0001-0001-00
RCP2 125kHz Uni PoE with function keys	✓				✓	✓		✓	RC2-0001-0041-00
RCP2 125kHz Uni PoE Wi-Fi	✓				✓	✓	✓		RC2-0001-0005-00
RCP2 125kHz Uni PoE Wi-Fi with function keys	✓				✓	✓	✓	✓	RC2-0001-0045-00
RCP2 125kHz Uni Wi-Fi	✓					✓	✓		RC2-0001-0004-00
RCP2 125kHz Uni Wi-Fi with function keys	✓					✓	✓	✓	RC2-0001-0044-00
RCP2 125kHz HT2		✓				✓			RC2-0010-0000-00
RCP2 125kHz HT2 with function keys		✓				✓		✓	RC2-0010-0040-00
RCP2 125kHz HT2 PoE		✓			✓	✓			RC2-0010-0001-00
RCP2 125kHz HT2 PoE with function keys		✓			✓	✓		✓	RC2-0010-0041-00
RCP2 125kHz HT2 PoE Wi-Fi		✓			✓	✓	✓		RC2-0010-0005-00
RCP2 125kHz HT2 PoE Wi-Fi with function keys		✓			✓	✓	✓	✓	RC2-0010-0045-00
RCP2 125kHz HT2 Wi-Fi		✓				✓	✓		RC2-0010-0004-00
RCP2 125kHz HT2 Wi-Fi with function keys		✓				✓	✓	✓	RC2-0010-0044-00
RCP2 13.56MHz Mif			✓			✓			RC2-0002-0000-00
RCP2 13.56MHz Mif with function keys			✓			✓		✓	RC2-0002-0040-00
RCP2 13.56MHz Mif PoE			✓		✓	✓			RC2-0002-0001-00
RCP2 13.56MHz Mif PoE with function keys			✓		✓	✓		✓	RC2-0002-0041-00
RCP2 13.56MHz Mif PoE Wi-Fi			✓		✓	✓	✓		RC2-0002-0005-00
RCP2 13.56MHz Mif PoE Wi-Fi with function keys			✓		✓	✓	✓	✓	RC2-0002-0045-00

Version	RFID standard				Power supply		Wi-Fi	Function keys	Catalogue number
	Unique	HITAG 2	Mifare®	ICODE	PoE 802.3af	10-24V DC			
RCP2 13.56MHz Mif Wi-Fi			✓			✓	✓		RC2-0002-0004-00
RCP2 13.56MHz Mif Wi-Fi with function keys			✓			✓	✓	✓	RC2-0002-0044-00
RCP2 13.56MHz ICO				✓		✓			RC2-0004-0000-00
RCP2 13.56MHz ICO with function keys				✓		✓		✓	RC2-0004-0040-00
RCP2 13.56MHz ICO PoE				✓	✓	✓			RC2-0004-0001-00
RCP2 13.56MHz ICO PoE with function keys				✓	✓	✓		✓	RC2-0004-0041-00
RCP2 13.56MHz ICO PoE Wi-Fi				✓	✓	✓	✓		RC2-0004-0005-00
RCP2 13.56MHz ICO PoE Wi-Fi with function keys				✓	✓	✓	✓	✓	RC2-0004-0045-00
RCP2 13.56MHz ICO Wi-Fi				✓		✓	✓		RC2-0004-0004-00
RCP2 13.56MHz ICO Wi-Fi with function keys				✓		✓	✓	✓	RC2-0004-0044-00