RFID
IND LED



Applications:

- Access control and employee identification systems
- Forklift operation supervision
- 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.
- Control over two relay outputs and monitoring two digital inputs.
- SLOT option allowing the user to insert a card into the reader while maintaining the enclosure's IP rating - a perfect solution for machine access authorization.
- Ethernet communication.
- HTTP, Modbus TCP, Modbus RTU, SNMP, SNTP communication protocols support.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af (IND LED PoE)	Passive PoE 10-24V DC (IND LED Passive 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	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: IP65	Dimensions: 100 x 100 x 55,6mm (SLOT version: 100 x 100 x 70mm)	
Operating temperature	From -10°C to +55°C		

Version	RFID standard				Power supply			Slot	Catalogue number
	Unique	HITAG 2	Mifare®	ICODE	PoE 802.3af	Passive PoE 10-24V DC	10-24V DC		
IND LED 125kHz Uni	✓					✓	✓		I1-0001-0000-00
IND LED 125kHz Uni PoE	✓				✓		✓		I1-0001-0001-00
IND LED 125kHz Uni PoE Slot	✓				✓		✓	✓	I1-0001-0009-00
IND LED 125kHz Uni Slot	✓					✓	✓	✓	I1-0001-0008-00
IND LED 125kHz HT2		✓				✓	✓		I1-0010-0000-00
IND LED 125kHz HT2 PoE		✓			✓		✓		I1-0010-0001-00
IND LED 125kHz HT2 PoE Slot		✓			✓		✓	✓	I1-0010-0009-00
IND LED 125kHz HT2 Slot		✓				✓	✓	✓	I1-0010-0008-00
IND LED 13,56MHz Mif			✓			✓	✓		I1-0002-0000-00
IND LED 13,56MHz Mif PoE			✓		✓		✓		I1-0002-0001-00
IND LED 13,56MHz Mif PoE Slot			✓		✓		✓	✓	I1-0002-0009-00
IND LED 13,56 MHz Mif Slot			✓			✓	✓	✓	I1-0002-0008-00
IND LED 13,56MHz ICO				✓		✓	✓		I1-0004-0000-00
IND LED 13,56MHz ICO PoE				✓	✓		✓		I1-0004-0001-00
IND LED 13,56 MHz ICO PoE Slot				✓	✓		✓	✓	I1-0004-0009-00
IND LED 13,56 MHz ICO Slot				✓		✓	✓	✓	I1-0004-0008-00