

CTU-S5R

DUAL MODE 125kHz, 13.56MHz RFID MODULE

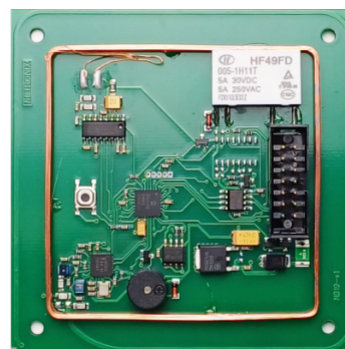


Product designed and
manufactured in Poland

Dual mode, contactless card and transponder RFID reader module, with wide support of proximity standards operating on both 125kHz and 13.56MHz frequencies.

Module has functionality to program NFC cards and transponders comply with ISO/IEC 14443 standards, and has wide range of supported interfaces, such as RS-232 (CMOS), UART (CMOS), RS-485, SPI, I²C, Wiegand, 1-Wire®.

In RS-232 (CMOS)/UART (CMOS)/RS-485 interface mode module works with the Modbus RTU or Netronix transmission protocols.



Illustrative photo

Specification

Supported standards	125kHz: EM4102 (Unique, Q5), HITAG-1/S, HITAG-2, HID ISOProx II 13.56MHz: ISO14443A (MIFARE Classic, Plus, DESFire, Ultralight, NTAG, Netronix NFC-ID, UserID, ISO15693 (ICODE SLI, iCLASS(CSN)), ISO14443B
Operating frequency	125kHz, 13.56MHz
Read range	up to 8cm depends on transponder
Interface	RS-232 (CMOS), UART (CMOS), RS-485, SPI, I ² C, Wiegand, 1-Wire
Card memory	1000
Event memory	3400
Relay	Yes
Antenna	Yes
LED	No
Buzzer	Yes
Supply voltage	5 - 16V
Max. current consumption	90mA
Size	79,5 x 79,5 x 12 mm

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NETRONIX

Product description

- The product is an RFID card reader.
- The product does not contain data encryption/decryption software.
- The product belongs to electrical equipment with individual functions.
- The product is not an automatic data-processing machine.
- The product does not have the technical ability to remember application programs or any programming according to user requirements.
- The product does not have the ability to perform user-defined arithmetic calculations.
- The product does not contain a magnetic head and is not a magnetic reader.
- The product reads data from the RFID card and transmits it to the access control controller via a wired network, which classifies it as a device for receiving and transmitting data.
- The product does not contain a slot for insertion of the smart card, does not contain a liquid crystal screen, does not contain a keyboard made up of 10 numerical keys, does not contain a four function keys, does not contain one validation key and does not contain one correction key.
- The product belongs to the group of Electrical Machinery and Equipment. The product is electrical machine having individual functions.
- The product does not meet the requirements set out in the list of dual-use products.

Product use

- The product is intended only for access control controllers that are not automatic data-processing machines.
- The product is intended only for access control controllers that do not have the technical ability to remember application programs or any programming in accordance with user requirements.
- The product may only be connected to access control controllers that do not have the ability to perform user-defined arithmetic calculations.

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