



**KADRIS 4**  
RIS

## Access Control Hardware

# CMX3 and CMX5 Readers



CMX3 Reader



CMX3 Reader with Keypad



CMX5 Reader



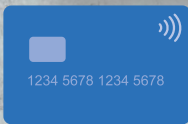
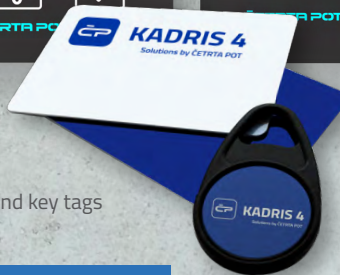
CMX5 Reader with Keypad



KADRIS 4 Mobile app



KADRIS 4 ID cards and key tags



The KADRIS 4 Access Control hardware includes readers for identification media, controllers and identification media such as cards, key tags, smartphones and bank cards. A key advantage of KADRIS 4 hardware lies in in-house development and production of individual components in Slovenia, ensuring a stable supply chain, high-quality servicing and regular upgrades. In-house development also ensures flexibility and expert guidance in system design, as well as seamless scale-up and upgrade implementation. A high level of reliability is ensured by a selection of standard components with an above-average service life. All products are regularly tested by the Slovenian Institute of Quality and Metrology in Ljubljana and certified to the highest security standards, which further proving their quality and safety.

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## CMX3 and CMX5 Readers

Readers for identification (ID) media enable contactless and secure identification of people. They are primarily used in business environments for opening doors as part of access control for buildings and rooms. Data on the detected ID media is transmitted from the reader to the control unit and then to the database and is then used to operate the door release mechanisms in accordance with the assigned permissions.



### Supported ID media:

- KADRIS 4 ID cards and key tags compliant with ISO14443 and NFC standards,
- Smartphones: KADRIS 4 Mobile app (Android and iOS with NFC),
- Bank payment cards (for access to ATM areas),
- ID-media reading distance: up to 80 mm.

### Built-in security standards:

- ID media tokenization,
- eSE (embedded Secure Element) for encoding/decoding and storing security keys,
- AES for ID media authentication and encryption,
- AES for encrypted communication with the controller.

### Technical specifications:

- operating frequency: 13.56 MHz, Bluetooth 2.4 GHz,
- communication: RS485-2v serial communication, optional USB, AIRg2, 4WX communication protocol,
- identification indicators: buzzer, RGB LED strip backlight along three sides,
- dimensions: CMX3: 90 × 90 × 15 mm, CMX5: 145 × 58 × 15 mm,
- installation: CMX3: flush-mounted on the wall (60 mm box), CMX3 and CMX5: surface-mounted on a non-metallic surface,
- power supply: 7–12 V, 100 mA or USB 5 V 200 mA,
- operating temperature: –10 °C to +60 °C, relative humidity: 5–95%,
- degree of protection: IP65.

### Compliance with standards:

- CE, compliant with Directive 2014/53/EU (Radio Equipment Directive),
- SIST EN 60839-11-1 certificate for access control systems.

### Options:

- H ... supported high reader frequency 13.56 MHz,
- M ... supported NFC mobile phones.

CMX3 and CMX5 readers belong to the new generation of CMX readers manufactured by ČETRTA POT. They are used for all types of access points and support reading data from cards, key tags and smartphones (Android and iOS). They stand out for their modern and sleek design and functionality, a range of communication options, and operational status indicators (RGB LEDs).

The creative design of the readers is based on the “balanced flat design” principle and is the original work of the ČETRTA POT development team.

**Upgrade your business processes now with the modern and advanced next-generation CMX3 and CMX5 readers.**

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ČETRTRA POT d.o.o.

Ljubljanska cesta 24D | 4000 Kranj | Slovenia

T: +386 4 280 66 60

F: +386 4 280 66 18

E: prodaja@cetrtpot.si

[www.cetrtpot.com](http://www.cetrtpot.com)



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