

GAT Chip Card 200 FD3

MIFARE® DESFire EV3 RFID card for identification

FACTS AT A GLANCE

- Contactless and encrypted data transmission
- Wide range of applications
- No battery required
- Custom printing on both sides possible
- ISO standard (credit card) size
- Data memory can be segmented with Gantner standard segments
- Backward compatibility to MIFARE DESFire EV1 and EV2 offers a seamless upgrade path
- Improved operating range and higher transaction speeds compared to EV1 and EV2 for enhanced user experience and security



The GAT Chip Card 200 FD3 is a high-performance MIFARE® data carrier designed for fast and secure contactless applications with a read/write range of up to 100 mm. Combining reliability, security, and durability, it provides an ideal solution for modern authorization systems.

Whether used for personal identification, electronic access control, or cashless payment transactions (electronic wallet) in online environments, the GAT Chip Card 200 FD3 ensures seamless and efficient operation. It is perfectly suited for card and ticketing systems, corporate and institutional identification systems, access control applications, and electronic payment solutions.

Each uniquely encoded card ensures secure identification with multi-level encryption, while its fully contactless design makes it highly resistant to dirt, water, oil, and everyday wear for long-lasting durability.

The GAT Chip Card 200 FD3 operates without a battery using passive transponder technology and complies with the ISO standard card format for universal compatibility. Individual customization, including high-quality printing of logos, photos, numbering, or barcodes, enables seamless integration into corporate branding.

The GAT Chip Card 200 FD3 stands for security, flexibility, and reliability making it a smart choice for future-oriented contactless solutions.

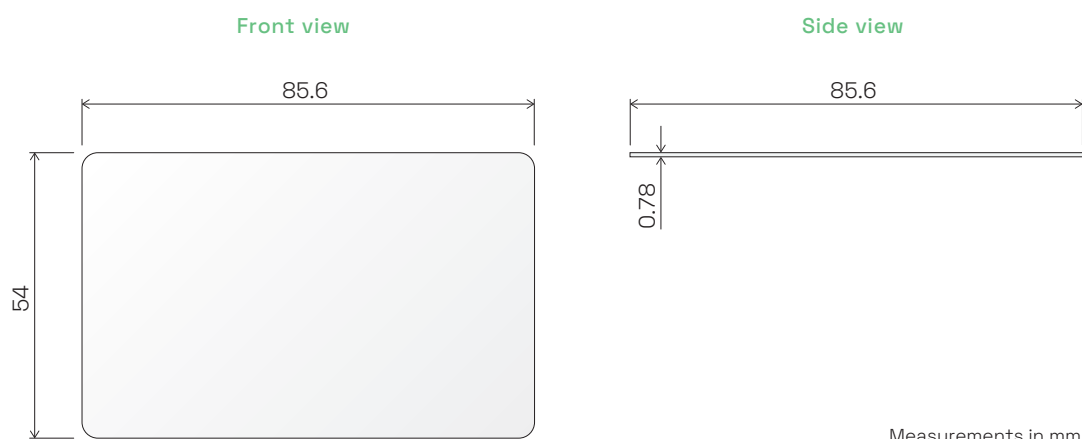
GAT Chip Card 200 FD3 4k WSG



Order information

Description	Part No.
GAT Chip Card 200 FD3 4k cod MIFARE® DESFire EV3 chip card 4 kByte, neutral white, coded, minimum order quantity 25 pcs.	1111622
GAT Chip Card 200 FD3 4k print 1s/4c cod MIFARE® DESFire EV3 chip card 4 kByte, coded, one side printing, maximum 4 color, EURO Scale (offset print), minimum order quantity 100 pcs.	1114846
GAT Chip Card 200 FD3 4k print 2s/4c cod MIFARE® DESFire EV3 chip card 4 kByte, coded, two side printing, maximum 4 color, EURO Scale (offset print), minimum order quantity 100 pcs.	1114842
GAT Chip Card 200 FD3 4k WSG cod MIFARE® DESFire chip card 4KByte, matte surface, with consecutive numbering and QR code, coded according to Gantner Standard, Design: gantner N - MIFARE DESFire 4K, 2sided	1112256
GAT Chip Card 200 FD3 8k cod MIFARE® DESFire EV3 chip card 8 kByte, neutral white, coded, minimum order quantity 25 pcs.	1111629
GAT Chip Card 200 FD3 8k print 1s/4c cod MIFARE® DESFire EV3 chip card 8 kByte, coded, one side printing, maximum 4 color, EURO Scale (offset print), minimum order quantity 100 pcs.	1114845
GAT Chip Card 200 FD3 8k print 2s/4c cod MIFARE® DESFire EV3 chip card 8 kByte, coded, two side printing, maximum 4 color, EURO Scale (offset print), minimum order quantity 100 pcs.	1114843
Initial Cost Design-Check One-time fee for checking and adapting customer designs for printing	484634
Initial Cost Graphic-Design One-time fee for developing and creating customer designs for printing	484735

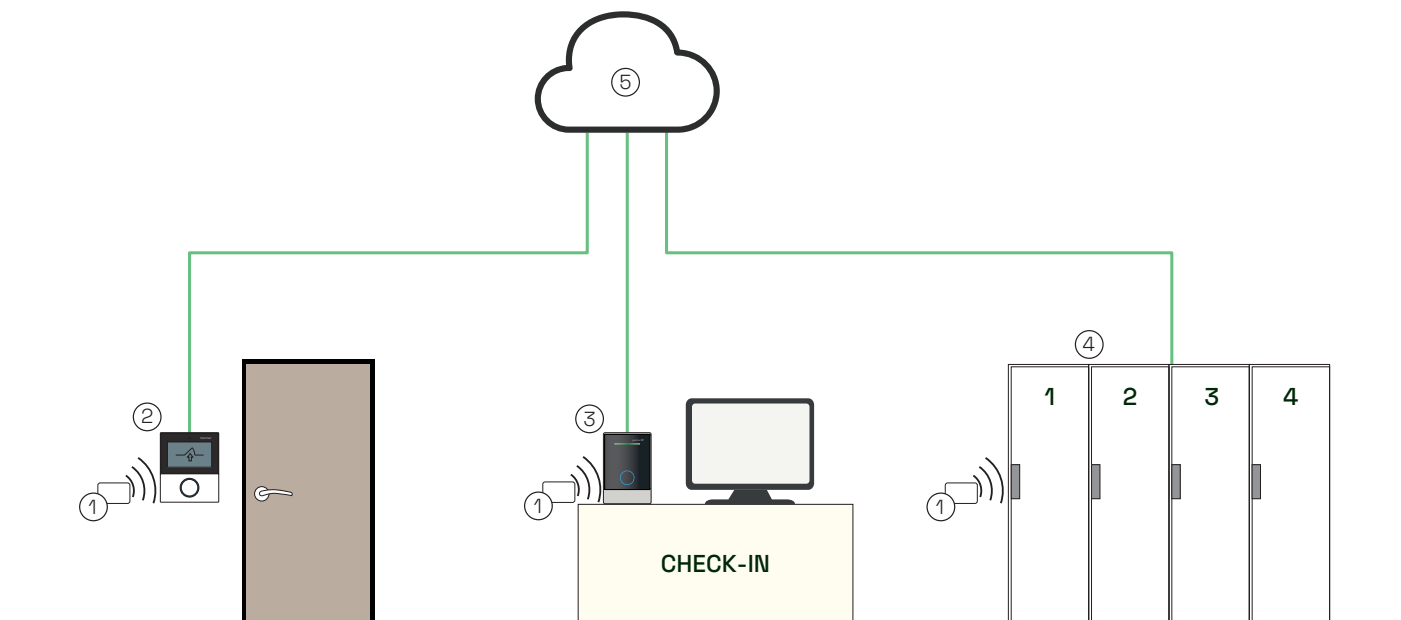
Dimensions



Technical data

Power supply:	Contactless energy transfer via reading field (without battery)
Data memory:	4/8 kB EEPROM
Min. write cycles:	100,000
Data retention:	25 years
RFID technology:	MIFARE® DESFire EV3
Frequency:	13.56 MHz
Read/write range:	Up to 100 mm
ISO-Standard conformity:	ISO 14443A
Encoding:	Coded in standard format, customer-specific information
Material:	Multi-layer laminated card made from high-quality PVC plastic
Color:	White (without printing) or as according to custom printing
Permitted ambient temperature:	-20 °C to +70 °C (-4 °F to +158 °F)
Humidity:	10% - 85%
Environment class (VdS 2110):	IV (outdoor conditions, full exposure to the weather)

Typical application



1. Identification with GAT Chip Card 200 FD3
2. GT7 terminal for access
3. GT7 Lite terminal for check-in
4. Lockers with Gantner electronic locks
5. Cloud-based management software (e.g., eLoxx 365)