Cards and Key Tags

When it comes to contactless read technologies, there are active and passive transponders. The widely used passive RFID technology, which is also the one that we deploy, does not require any energy supply but draws the power it needs from the high-frequency signal emitted by a reader device. As opposed to active transponders therefore, passive transponders do not require any battery.

Depending on the application, it can be necessary to modify the data that is stored in the passive RFID chip or to read data from or write data to a different location. The LEGIC® advant, MIFARE® DESFire® und NFC (Near Field Communication) read technologies are characterised by a high degree of flexibility, data protection and security of investment.

Features

❭ Very robust
❭ Maintenance-free
❭ Depending on the read technology, different encryption options such as AES or 3DES are available
❭ Fast data transmission
❭ Simple and comfortable handling
❭ Resistant to the effects of dust and dirt
❭ Labelling and numbering possible using standard print methods
❭ Different memory sizes
❭ Segmenting for different applications, e.g. pkt, cashless vending, device feedback such as battery status, etc.
❭ Key tags available in different colours

made in
Germany

Technical data

Cards, PVC

Transponders in gloss white, laminated cards, in accordance with ISO 7810; coded on a project-by-project basis.

A sequential, 6-digit number is printed on the card in Arial, 9 pt, bold.

Cards can also be supplied as hybrid cards, with contact chips and / or magnetic stripes.

Dimensions	85.6 x 54.0 x 0.76 mm
Temperature range	-20 °C to +50 °C
Protection class	IP66
Weight	4 g

Key tags, black / grey, PVC

The sequential number is stamped on the plastic housing of this RFID transponder,

in SR.FNT; 12, 14 or 16 pt, depending on the length of the number.

Standard colours	Black / grey
Temperature range	-15 °C to +60 °C
Protection class	IP65
Weight	2.5 g to 7.5 g

Key tags, green or blue, PVC

The sequential number is stamped on the plastic housing of this RFID transponder, in SR.FNT, 12 pt

Standard colours	Green or blue
Temperature range	-15 °C to +60 °C
Protection class	IP65
Weight	2.5 g to 7.5 g

Design / Print

With the software options S400-130.01 Badge creation and the S400-230.01 Coding software, you can produce, print and if required code your cards using one of a number of approved card printers.

Alternatively, we offer a design and printing service to assist you with the creation of your cards. The cards can be printed on both sides, in single or multi-colour, using a number of different printing methods including thermal transfer, pad printing and laminated offset printing. It is also possible to incorporate additional security features and holograms.

Ordering information

MIFARE Classic® initialisation card

KP02-001.01	Project card for initialising MIFARE Classic® readers

MIFARE Classic® cards

K100-053.07	MIFARE Classic® card, 1 KB

MIFARE Classic® key tags

K300-050.07	MIFARE Classic® key tag, black / grey, 1 KB
K300-050.38	MIFARE Classic® key tag, green, 1 KB

Programming cards for pkt systems with MIFARE Classic® modules

KP02-002.01	MIFARE Classic® pkt project card set I; Consisting of up to 3 pkt Programming cards, 1 pkt Time transfer card, 1 pkt Transactions transfer card, 1 pkt Special authorisation transfer card, 1 pkt Automatic permanent release transfer card; One card set is included free-of-charge with each project.
KP02-102.01	MIFARE Classic® pkt project card set; Consisting of up to 3 cards
KP02-103.01	MIFARE Classic® pkt Time transfer card
KP02-104.01	MIFARE Classic® pkt Bookings transfer card
KP02-105.01	MIFARE Classic® pkt Special authorisation transfer card
KP02-106.01	MIFARE Classic® pkt Automatic permanent release transfer card
KP02-110.01	MIFARE Classic® pkt project card set II; Consisting of 1 pkt digital cylinder NG Service card, 1 pkt digital cylinder NG Disassembly card, 1 pkt digital cylinder NG Battery change card; One card set is included free-of-charge with each project.
KP02-111.01	MIFARE Classic® Service card
KP02-112.01	MIFARE Classic® Disassembly card
KP02-113.01	MIFARE Classic® Battery change card

Cards for pkt systems with MIFARE Classic® modules

K100-054.07 ——————— MIFARE Classic® card, 1 KB, pkt-coded
K100-056.07 ——————— MIFARE Classic® card, 4 KB, pkt-coded

Key tags for pkt systems with MIFARE Classic® modules

K300-054.07 ——————— MIFARE Classic® key tag, 1 KB, pkt-coded
K300-056.07 ——————— MIFARE Classic® key tag, 4 KB, pkt-coded

MIFARE® DESFire® EV1 initialisation card

KP04-001.01 ——————— Project card for initialising MIFARE® DESFire® EV1 readers

MIFARE® DESFire® EV1 cards

K104-074.07 ——————— MIFARE® DESFire® EV1 card, 4 KB
K104-075.07 ——————— MIFARE® DESFire® EV1 card, 8 KB

MIFARE® DESFire® EV1 key tags

K304-074.07 ——————— MIFARE® DESFire® EV1 key tag, 4 KB
K304-075.07 ——————— MIFARE® DESFire® EV1 key tag, 8 KB

Programming cards for pkt systems with MIFARE® DESFire® EV1 modules

KP04-002.01 ——————— MIFARE® DESFire® EV1 pkt project card set I; Consisting of up to 4 x pkt Programming cards,
1 pkt Time transfer card, 1 pkt Transactions transfer card, 1 pkt Special authorisation transfer card,
1 pkt Automatic permanent release transfer card; One card set is included free-of-charge with each project.
KP04-102.01 ——————— MIFARE® DESFire® EV1 pkt Programming card
KP04-103.01 ——————— MIFARE® DESFire® EV1 pkt Time transfer card
KP04-104.01 ——————— MIFARE® DESFire® EV1 pkt Booking transfer card
KP04-105.01 ——————— MIFARE® DESFire® EV1 pkt Special authorisation transfer card
KP04-106.01 ——————— MIFARE® DESFire® EV1 pkt Automatic permanent release transfer card
KP04-110.01 ——————— MIFARE® DESFire® EV1 pkt project card set II; Consisting of, 1 pkt digital cylinder NG Service card,
1 pkt digital cylinder NG Disassembly card, 1 pkt digital cylinder NG Battery change card;
One card set is included free-of-charge with each project.
KP04-111.01 ——————— MIFARE® DESFire® EV1 Service card for pkt Digital cylinder NG*
KP04-112.01 ——————— MIFARE® DESFire® EV1 Disassembly card for pkt Digital cylinder NG*
KP04-113.01 ——————— MIFARE® DESFire® EV1 Battery change card for pkt Digital cylinder NG*

Cards for pkt systems with MIFARE® DESFire® EV1 modules

K104-077.07 ——————— MIFARE® DESFire® EV1 card, 4 KB, pkt coded
K104-078.07 ——————— MIFARE® DESFire® EV1 card, 8 KB, pkt coded

Key tags for pkt systems with MIFARE® DESFire® EV1 modules

K304-077.07 ——————— MIFARE® DESFire® EV1 key tag, 4 KB, pkt coded*
K304-078.07 ——————— MIFARE® DESFire® EV1 key tag, 8 KB, pkt coded*

LEGIC prime cards

K100-020.07 ——————— LEGIC prime card, 256 byte, with Supertag
K100-120.07 ——————— LEGIC prime card, 256 byte, without Supertag
K101-020.07 ——————— LEGIC prime card, 1 KB, with Supertag
K101-120.07 ——————— LEGIC prime card, 1 KB, without Supertag
K100-025.66 ——————— IAM card* LEGIC prime – Card coding authorisation card

LEGIC prime key tags

K300-020.07 ——————— LEGIC prime key tag, black / grey, 256 byte, with Supertag
K301-020.07 ——————— LEGIC prime key tag, black / grey, 1 KB, with Supertag
K300-120.38 ——————— LEGIC prime key tag, green, 256 byte, KGH coded, without Supertag

Key tags for pkt systems with LEGIC prime modules

K101-034.07 ——————— LEGIC prime card, 1 kB, with Supertag, pkt coded

* Is only required if the cards are not coded by primion

![primion logo]

Azkoyen Time & Security Division

LEGIC advant® initialisation card
KP01-001.01 ——————— Project card for initialising LEGIC advant® readers

LEGIC advant® cards
K103-120.07 ——————— LEGIC advant® card; 4 KB
K100-029.07 ——————— IAM card* LEGIC advant® – Authorisation card for card coding

LEGIC advant® key tags
K302-191.0003 ——————— LEGIC advant® key tags, black / grey; 4 KB, with Supertag; droplet shape

Programming cards for pkt systems with LEGIC advant® modules
KP01-002.01* ——————— LEGIC advant® pkt project card set I; Consisting of up to 4 pkt Programming cards,
1 pkt Time transfer card, 1 pkt Transactions transfer card, 1 pkt Special authorisation transfer card,
1 pkt Automatic permanent release transfer card; One card set is included free-of-charge with each project.
KP01-102.01* ——————— LEGIC advant® pkt Programming card; Consisting of up to 4 cards
KP01-103.01* ——————— LEGIC advant® pkt Time transfer card
KP01-104.01* ——————— LEGIC advant® pkt Bookings transfer card
KP01-105.01* ——————— LEGIC advant® pkt Special authorisation transfer card
KP01-106.01* ——————— LEGIC advant® pkt Automatic permanent release transfer card
K100-025.09* ——————— LEGIC advant® pkt Initialisation card (SAM 63)
KP01-110.01* ——————— LEGIC advant® pkt project card set II; Consisting of 1 pkt digital cylinder NG Service card,
1 pkt digital cylinder NG Disassembly card, 1 pkt digital cylinder NG Battery change card;
One card set is included free-of-charge with each project.
KP01-111.01* ——————— LEGIC advant® Service card for pkt Digital cylinder NG
KP01-112.01* ——————— LEGIC advant® Disassembly card for pkt Digital cylinder NG
KP01-113.01* ——————— LEGIC advant® Battery change card for pkt Digital cylinder NG

Cards for pkt systems with LEGIC advant® modules
K103-134.07 ——————— LEGIC advant® card: 4 KB, pkt coded

Key tags for pkt systems with LEGIC advant® modules
K302-134.07 ——————— LEGIC advant® key tag, black / grey; 2 KB, pkt coded, without Supertag
K302-191.0003 ——————— LEGIC advant® key tag, black / grey; 4 KB, with Supertag; droplet shape

HITAG cards
K100-060.07 ——————— HITAG card, 256 byte

HITAG key tags
K300-060.07 ——————— HITAG key tag, black / grey, 256 byte
K300-060.38 ——————— HITAG key tag, green, 256 byte; project-coded

EM Transponder 4102
K100-012.10 ——————— EM type 4200 card; No number print; Random-generated coded credential number
K300-012.10 ——————— EM type 4200 key tag; No number print; Random-generated coded credential number

Combi-cards for various modules
K100-028.07 ——————— MIFARE Classic® / LEGIC prime combi-card; 1024 / 256 byte
K100-067.07 ——————— MIFARE Classic® / HITAG combi-card; 1024 / 256 byte
K101-066.07 ——————— HITAG / LEGIC prime combi-card; 256 / 1024 byte