IDCR@FT
RFID & NFC EXPERTS

HF | NFC - Keyfobs
CT - ABS Keyfob

- Available with various HF | NFC - RFID chips
- Heavy Duty ABS material for industrial applications
- Wide range of customization options
- Fast delivery times

HF | NFC - Keyfobs
Heavy Duty RFID Keyfob

CRAFT Technologies HF|NFC - RFID ABS keyfobs are specially designed for rough environments. Those keyfobs are stable against dust, water and impact.

Our key fobs are available with all common HF or NFC chips available on the market.

All keyfobs can be personalized with laser engraving and encoding options.

Common Applications

- Industrial Environment
- Logistic & Warehouse
- Time Attendance
- EV Charging Cards
- Employee Badges

CT
CRAFT TECHNOLOGIES

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TECHNICAL SPECIFICATIONS

Contactless Interface

Operating Frequency	13.56 MHz
Supported Standards	ISO 14443 Type A & B Parts 1-4, ISO 15693 and ISO 18092
Reading Distance	Up to 40 mm (Depending on environment and reader)
Available Chip Types	NXP ICODE SLIX 2, NXP NTAG 216, NXP MIFARE CLASSIC EV1 1K (other chips on request)

Physical Characteristics

Dimension	Main body: 53 x 33
Weight	5 ± 1g
Material	ABS
IP Protection	IP66

Certifications & Compliances

Certifications	CE, REACH & RoHS

Environmental Characteristics

Temperature	Operating temperature: -25 - 70°C Storage temperature: -40 - 80°C
Humidity	90% (Non-condensing) @ 60°C (100h)
Chemical Resistance	-
Shock & Vibration	Droptest: 1.8m, 10 x 10 cycles

Customization Options

Available Colors	Black, Red*, Blue*, Yellow*, Green* (*on req.)
Available Options	Laser engraving, Logo printing, Data encoding

Usage Options

Environments	Access, Office and production enviroments
Key Facts	Perfect in difficult production environments
Mounting Methods	With a keyring

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CHIP ÜBERSICHT

HF | NFC

	MIFARE Ultralight® EV1	MIFARE CLASSIC® EV1 / 4 Byte - NUID	MIFARE CLASSIC® EV1 / 7 Byte - UID	MIFARE DESFire® EV1 / EV2	ICODE® SLI	FUDAN 1K / 4K
Betriebsfrequenz	13,56 MHz	13,56 MHz	13,56 MHz	13,56 MHz	13,56 MHz	13,56 MHz
Standard	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693	ISO 14443/15693
Nutzspeicher / EEPROM	ca. 48 - 128 Byte	ca. 768 Byte	ca. 3456 Byte	ca. 2 048 Byte – 8 192 Byte	ca. 112 Byte	ca. 768 Byte – 3 456 Byte
Lesereichweite	bis ca. 10 cm	bis ca. 10 cm	bis ca. 10 cm	bis ca. 10 cm	bis ca. 1,5 m	bis ca. 10 cm