

RFID WRISTBAND WB004



MARKETS:



Campsites



Hotels



Gyms



Vending

COLOURS:



Red



Green



Light blue



Dark blue



Black

The WB004 is a **unisex** RFID wristband crafted from flexible and waterproof silicone. This material **maintains its elasticity even in very low temperatures and offers good resistance to higher temperatures and adverse weather conditions**. Available in **two sizes**, it features a fixed closure for secure wear. Both the dial and the strap can be pad printed for custom branding or information, while serialisation is applied using laser technology. The WB004 is available in **LF (Low Frequency), HF (High Frequency), and UHF (Ultra High Frequency)**, in colours **red, green, light blue, dark blue, and black**.

MARKETS

Comfortable, reusable, and shock-resistant, the WB004 is perfectly suited for **access control and identification in various settings**. It's an **ideal choice for thermal centres, spas and swimming pools, water parks, campsites, and tourist villages**. **Furthermore, the WB004 can function as an electronic wallet**, facilitating payments at vending machines, bars, or restaurants. It also enables the activation of additional services within host facilities, such as showers or beauty lamps, enhancing the user experience and operational efficiency.



frequency 125 kHz

RFID features		
Chip	Memory	ISO Standard
EM4100 or GK4100	0 bytes - UID: 8 bytes	-
EM4102	0 bytes - UID: 8 bytes	-
EM4200	0 bytes - UID: 8 bytes	ISO 11784 / 11785
EM4550 or TITAN	128 bytes - UID: 8 bytes	ISO 11784 / 11785
EM4305	64 bytes - UID: 4 bytes	ISO 11784 / 11785
ATA5577 or T5567	36 bytes - UID: 8 bytes	ISO 11784 / 11785
Q5 or 5555	33 bytes - UID: 8 bytes	ISO 11784 / 11785
HITAG1	256 bytes	-
HITAG2	32 bytes	ISO 11784 / 11785
HITAG S 2048	256 bytes - UID: 4 bytes	ISO 11784 / 11785
HITAG S 256	32 bytes - UID: 4 bytes	ISO 11784 / 11785
SIC279	16/24 bytes	ISO 11784 / 11785
S5777	28 bytes - UID: 8 bytes	ISO 15693



frequency 13.56 MHz

RFID features			
Chip	Memory	ISO Standard	NFC Standard
RF81	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
FM11RF08	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
RF005	64 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
RF32	4096 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 1K EV1 S50	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 1K EV1 S50 7 BYTES	1024 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 4K EV1 S70	4096 bytes - UID: 4 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT EV1-1	48 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT EV1-2	128 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT C	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant



frequency 13,56 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
MIFARE DESFIRE EV1 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV1 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV1 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV3 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV3 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV3 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE LIGHT	640 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE PLUS SE	1024 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS X 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS X 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS EV2 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS EV2 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
ATC1024-MV110	944 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ATC256-MV410	224 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ATC4096-MP311	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
CTC4096-MP410	2984 bytes (advant) / 1002 bytes (prime) - UID: 4/7 bytes	ISO 14443 A	Not supported by majority of NFC devices
CTC4096-MM410	2984 bytes (advant) / 1002 bytes (prime) - UID: 4/7 bytes	ISO 15693 - ISO 14443 A	Not supported by majority of NFC devices
EM4233	256 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices



frequency 13,56 MHz

RFID features			
Chip	Memory	ISO Standard	NFC Standard
ICODE SLI-S	256 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE SLIX	128 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE SLIX2	316 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ICODE SLIX-S	160 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE DNA	252 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
MIM1024/PRIME	1024 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIM256/PRIME	256 bytes	ISO 14443 A	Not supported by majority of NFC devices
NTAG210	48 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG212	128 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG213	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG215	504 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG216	888 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG213 TT (TAG TAMPER)	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG413 DNA	32/128 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
NTAG424 DNA	416 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
ST25TV02K	250 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ST25TB512	64 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant
ST25TB04K	512 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant
ST25TB02K	256 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant
TAG-IT 256	32 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
TAG-IT 2K	256 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
MB89R118	2000 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices





European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
HIGGS 3	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 3 US	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 4	16 bytes - TID: 8 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 4 US	16 bytes - TID: 8 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 9	86 bytes - TID: 6 bytes - EPC: 62 bytes	ISO 18000-6C / EPC Class 1 Gen 2
UCODE 7	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 7 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8M	4 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Class 1 Gen 2
UCODE 9	0 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Gen 2 V2
UCODE 9 US	0 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Gen 2 V2
UCODE G2IL	0 bytes - TID: 8 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE G2IM	80 bytes - TID: 12 bytes - EPC: 32 bytes	EPC Class 1 Gen 2
UCODE DNA	3072 bytes - TID: 12 bytes - EPC: 56 bytes	ISO 29167-10 / EPC Gen 2 V2
UCODE CITY	128 bytes - TID: 12 bytes - EPC: 28 bytes	ISO 29167-10 / EPC Gen 2 V2
UCODE TRACK	32 bytes - TID: 12 bytes - EPC: 56 bytes	ISO 29167-10 / EPC Gen 2 V2
MONZA R5	0 bytes - TID: 16 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Gen 2
MONZA R6	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6 US	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6A	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6B	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2



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RFID features

Chip	Memory	ISO Standard
MONZA R6P	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P US	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA 4D	4 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4D US	4 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4E	16 bytes - TID: 12 bytes - EPC: 62 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA M730	0 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA M750	4 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
KX2005XG-B	164 bytes - UID: 24 bytes - EPC: 30 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS-EC	16 bytes - UID: 6 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V1. 2.0
HIGGS-EC US	16 bytes - UID: 6 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V1. 2.0



Technical specifications

Wristband dimensions \varnothing 65 x 35 x 12 mm (Size: M)
 \varnothing 74 x 35 x 12 mm (Size: L)

Dial size \varnothing 35 mm

Gender Unisex

Material Silicone

Weight 15 g

Operating temperature -25°C ~ +90°C

Storage temperature -25°C ~ +90°C

Customization

Type of printing on dial and strap 2-colours pad printing

Type of numbering Laser technology

Strap colours Red, green, light blue, dark blue, black

