

Technology Data Sheet

Item/item No.	UHF2-MF	UHF2-EM
Picture		
Material	PVC	PVC
Standard size:	85.6*54mm thickness:0.84mm±0.02	85.6*54mm thickness:0.84mm±0.02
Antenna shape	Rectangle	Rectangle
Chip	H3+FM1108	H3+TK4100
Frequency	UHF2: 860-960Mhz, MF:13.56Mhz	UHF2: 860-960Mhz, EM:125Khz
Protocol	UHF2: ISO18000-6C GEN2, MF: ISO 14443-4	UHF2: ISO18000-6C GEN2, EM:ISO 11784/785
UID - unique identification	4-byte UID	/
Memory size [Bytes]	UHF: TID/UID 96bit+ EPC/Block 128bit+ User 512bit+ Reserve 32bit access & 32bit kill MF: 1K	UHF: TID/UID 96bit+ EPC/Block 128bit+ User 512bit+ Reserve 32bit access & 32bit kill EM: 64 bits ready only
Card surface	blank on a side, and offset printing on other side	blank on a side, and offset printing on other side
Customized Additional crafts	Magnetic Stripe Option:300oe, 2750oe, 4000oe Numbering:Jet dot/ Thermo transfer/ Laser engrave/ Barcode printing / Signature panel	Magnetic Stripe Option:300oe, 2750oe, 4000oe Numbering:Jet dot/ Thermo transfer/ Laser engrave/ Barcode printing / Signature panel
Reading Distance	UHF2: 6-12m, MF: 0-10cm (depending on the working situation and reader)	UHF2: 6-12m, EM: 0-10cm (depending on the working situation and reader)
Data retention time	5-10 years	5-10 years
Work temperature	"- 15°C ~ + 55°C"	"- 15°C ~ + 55°C"

Application	access control/anti-fake security/time and attendance management/identification. Etc.skating, tickets, casino token, membership, public transportation, e-payment, animal tracking	access control/anti-fake security/time and attendance management/identification. Etc.skating, tickets, casino token, membership, public transportation, e-payment, animal tracking
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