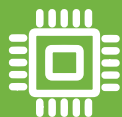




RFID Card



Shenzhen DTB RFID Co., Ltd.

Company Profile

DTB RFID is a hi-tech company which is specialized in RFID products and IOT information systems.

With many years development, DTB can provide customers with one-stop service including antenna design, card/tag design, manufacturing and chip personalization.

Also, DTB products are widely used in event management, supply chain, asset tracking, library management, apparel and retail etc.

To do the best for all, it is the faith that helps DTB move forward. which also helps DTB to offer better quality and better service to be your best partner in business.

Applications



Access Control



Cashless Payment



Hospitality Industry



**School campus cards
Employee cards**



Public Transportation



Loyalty Cards

RFID ISO Plastic Card



Chip Options	LF chips, HF chips, UHF chips (refer to chip list)
Size Options	54*85.5mm
Antenna Options	Aluminium foil, copper wire
Surface Material	PVC, PET, ABS, PETG etc.
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Surface Finish	Glossy, matt, frosted
Personalization	Number printing/engraving: UID, S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, decimal format

RFID Irregular Size Card



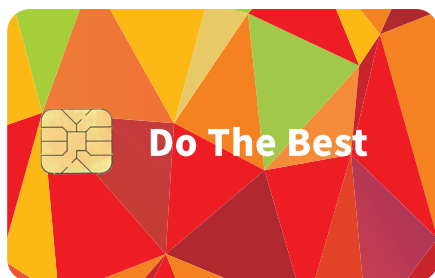
Chip Options	LF chips, HF chips, UHF chips (refer to chip list)
Size Options	29*55mm (refer to model list)
Antenna Options	Aluminium foil, copper wire
Surface Material	PVC, PET, ABS, PETG etc.
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Surface Finish	Glossy, matt, frosted
Personalization	Number printing/engraving: UID, S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, decimal format

RFID Plastic Badge



Chip Options	LF chips, HF chips, UHF chips (refer to chip list)
Size Options	54*85.5mm (refer to model list)
Antenna Options	Aluminium foil, copper wire
Surface Material	PVC, PET, ABS, PETG etc.
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Surface Finish	Glossy, matt, frosted
Personalization	Number printing/engraving: UID, S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, decimal format

Contact IC Card



Chip Options	ISSI4442/4428, 24C16/24C64/24C256
Size Options	54*85.5mm
Surface Material	PVC, PET etc.
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Surface Finish	Glossy, matt, frosted
Personalization	Number printing/engraving: S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list

Magnetic Card



Magnetic stripe	LOCO: 300/350 OE HICO: 650/2750/4000 OE
Size Options	54*85.5mm
Base Material	PVC, PET, ABS etc.
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Surface Finish	Glossy, matt, frosted
Personalization	Number printing/engraving: S/N, barcode, QR code etc.
	Encoding: 1st/2nd/3rd track

RFID ABS Clamshell Card



Chip Options	LF chips, HF chips, UHF chips (refer to chip list)
Size Options	85.5x54x1.8mm or customized size
Antenna Options	Aluminium foil, Copper wire
Base Material	ABS
Printing Options	Silkscreen printing
Personalization	Number printing: UID, S/N etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, decimal format

RFID ISO Paper Card



Chip Options	HF chips (refer to chip list)
Size Options	54*85.5mm
Antenna Options	Aluminium foil
Surface Material	Coated paper, thermal paper etc.
Printing Options	Offset CMYK printing
Surface Finish	Glossy, matt
Personalization	Number printing: UID, S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, Decimal format

Epoxy RFID Card

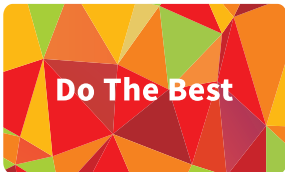


Chip Options	LF chips, HF chips, UHF chips (refer to chip list)
Size Options	45x18mm (refer to the model list)
Antenna Options	Aluminium foil, Copper wire
Surface Material	PVC+Epoxy
Printing Options	Offset CMYK printing, silkscreen printing, digital printing
Key Chain	Nylon, metal (refer to the key chain list)
Personalization	Number printing/engraving: UID, S/N, barcode, QR code etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, Decimal format

RFID ABS Key Fob



Chip Options	LF chips, HF chips (refer to chip list)
Size Options	40.5x32x4.2mm or customized size
Surface Material	ABS
Case color options	Blue, red, yellow, black, green etc.
Printing Options	Silkscreen printing
Key Chain	Nylon, metal (refer to the key chain list)
Personalization	Number engraving: UID, S/N etc.
	Encoding: can be proceeded according to data list
UID List Options	Hexadecimal format, Decimal format

Model No.	Picture	Size(mm)
 DTB-M001		25*25
DTB-M002		25*35
DTB-M003		25*38
DTB-M004		39*39
DTB-M005		44*44
DTB-M006		30*50
DTB-M007		27*55
DTB-M008		54*85.5

Model No.	Picture	Size(mm)
DTB-M009		Φ20
 DTB-M010		Φ25
DTB-M011		Φ30
DTB-M012		Φ32
 DTB-M013		Φ35
DTB-M014		Φ39
DTB-M015		Φ44
DTB-M016		Φ50

Model No.	Picture	Size(mm)
DTB-M017		52*45
 DTB-M018		30*45 Hole Size: Φ6
 DTB-M019		29*55
DTB-M020		Φ30 Hole Size: Φ3
DTB-M021		Φ32 Hole Size: Φ12
 DTB-M022		25*32 Hole Size: 16.5*2
 DTB-M023		25*40 Hole Size: 17*3
DTB-M024		22*48 Hole Size: Φ3

Model No.	Picture	Size(mm)
DTB-M025		25*65 Hole Size: Φ3.5
DTB-M026		32*84 Hole Size: Φ8
DTB-M027		30*88 Hole Size: Φ3
DTB-M028		25*90 Hole Size: Φ3.5
 DTB-M029		54*85.5 Hole Size: 15*3
DTB-M030		70*100 Hole Size: 15*3

Model No.	Picture	Size(mm)
 DTB-M031		80*120 Hole Size: 15*3
 DTB-M032		130*90 Hole Size: 15*3

Key Chain Options

Model No.	Picture	Material
DTB-C001		Nylon
DTB-C002		Metal
DTB-C003		Metal
DTB-C004		Metal
DTB-C005		Metal

Personalization Options

			
Laser numbering	UV QR code	Thermal barcode	Hot stamping
			
Magnetic strip	Adhesive	UV printing	Spray numbering

Packing Details

- 200 pcs / box
- 2,000 pcs / carton
- Carton Size: 50*23*16cm
- G.W.: 12.5 kg / carton



LF RFID Chip List (125KHz/134.2KHz)

Protocol	Suppliers	Brand	Model	UID/TID Length	User memory
ISO 11784 / 11785	EM	---	EM4200	128 bits read only	N/A
		---	EM4205/4305	32 bits	512 bits
		---	EM4450	32 bits	1K bits
	TK	---	TK4100	128 bits read only	N/A
	Atmel	---	T5577		330 bits
	NXP	HITAG ®	Hitag 1	32 bits	2048 bits
			Hitag 2	32 bits	256 bits
			HITAG-S	32 bits	256 bits or 2048 bits

HF RFID Chip List (13.56MHz)

Protocol	Suppliers	Brand	Model	UID/TID Length	User memory
ISO/IEC 14443 A	NXP	MIFARE Classic®	MIFARE Classic EV1 1K	4NUID & 7 UID	1K bytes
			MIFARE Classic EV1 4K		4K bytes
		MIFARE Ultralight®	MIFARE Ultralight EV 1	7 UID	384 bits/1024 bits
			MIFARE Ultralight Nano		448 bits
			MIFARE Ultralight C		192 bytes
		MIFARE® DESFire®	MIFARE DESFire EV1		2K/4K/8K bytes
			MIFARE DESFire EV2		2K/4K/8K bytes
			MIFARE DESFire Light		640 bytes
			MIFARE DESFire EV3		2K/4K/8K bytes
		MIFARE Plus®	MIFARE Plus EV1	4NUID & 7 UID	2K/4K bytes
			MIFARE Plus EV2		2K/4K bytes
			MIFARE Plus X		2K/4K bytes
			MIFARE Plus SE		1K bytes
		NTAG®	NTAG 213/215/216	7 UID	144 / 504 / 888 bytes
			NTAG 213 TagTamper		144 bytes
			NTAG 413 DNA		160 bytes
			NTAG 424 DNA		416 bytes
			NTAG 424 DNA TagTamper		416 bytes
	Fudan	---	FM11RF08	4 NUID	1K bytes
		---	FM11RF32N		4k bytes
	BROADCOM	---	TOPAZ 512	---	512 bytes
ISO 15693, ISO 18000-3	NXP	ICODE®	ICODE SLIX	8 UID	1024 bits
			ICODE SLIX 2		2560 bits
			ICODE DNA		2048 bits
	EM	---	EM4237		2112 bits
	Texas Instrument	---	Tag-it HF Ti2048	---	2048 bits



UHF RFID Chip List (860~960 MHz)

Protocol	Suppliers	Brand/Series	Model	EPC Memory	User memory	Read sensitivity (dBm)	Write sensitivity (dBm)
EPCglobal Gen2 ISO/IEC 18000-6C	Alien	Higgs®	Higgs 3	96-480 bits	512 bits		
			Higgs 4	96 bits	128 bits		
			Higgs-EC	96 bits	128 bits		
			Higgs 9	96-496 bits	96-496 bits		
	Impinj	Monza® 4	Monza 4D	128 bits	32 bits	-19.5	-16.7
			Monza 4E	496 bits	128 bits	-19.5	-16.7
			Monza 4i	256 bits	480 bits	-19.5	-16.7
			Monza 4QT	128 bits	512 bits	-19.5	-16.7
		Monza® R6	Monza R6	96 bits	None	-22	-17
			Monza R6-A	96 bits	None	-22	-17
			Monza R6-B	96 bits	None	-22	-17
			Monza R6-P	128/96 bits	32/64 bits	-22	-17
		Monza® 700	Monza 730	128 bits	None	-24	-21
			Monza 750	96 bits	32 bits	-24	-21
		Monza® X	Monza X-2K	128 bits	2,176 bits	-19.1	-14.1
			Monza X-8K	128 bits	8,192 bits		
	NXP	UCODE® G2	UCODE G2iL	128-bit	---	-18	
			UCODE G2iM	128-448 bits	320-640 bits	-17.5	
		UCODE® 7	UCODE 7	128-bit	None	-21	-16
			UCODE 7xm	96~448bit	1K bit	-19	-12
			UCODE 7xm+	96~448bit	2K bit	-19	-12
		UCODE® 8	UCODE 8	128-bit	None	-23	-18
			UCODE 8m	96-bit	32-bit	-23	-18
		UCODE®	UCODE DNA	224-bit	3K bit	-19	-18
			UCODE 9	96-bit	None	-24	-22.1

DO THE BEST FOR ALL



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