

40mm*40mm UHF 865-928 MHz Industrial Micro RFID Tag-spec sheet

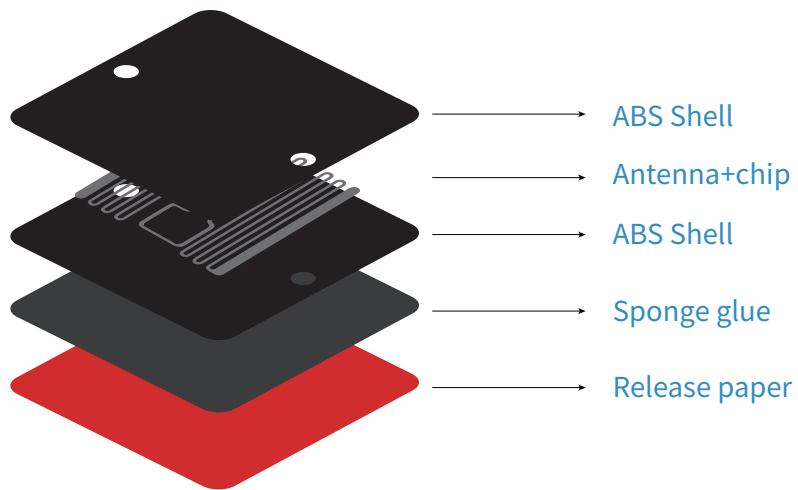


The Gen2 UHF 865-928 MHz industrial micro RFID tag features a very small size that can be easily inserted into smaller slots for robust and consistent read rates and it is ideal for returnable transit items tracking and industrial asset tracking applications. Moreover, it supports IP68 rating and offers maximum read distance up to 13.1 ft. (4m) depend upon the reader and antenna. It is made up of high quality plastic to form a hard tag which enables it to work in rough environmental conditions. Text and barcode encoding customization options are available upon request.

Parameters

Item	UHF ABS Anti-Metal Tag	Material	ABS	Working Temperature	-25°C to 65°C
Eeprom	depend on chips	Size	40*40mm	Data Retention Time	10 years
Chip	Alien H3, M4E, M4D, M4QT, MR6	Reading Distance	0.5-10 m (depends on reader and working environment)	Thickness	5-12 mm
Frequency	860~960 MHz	Write Endurance	100000 times		

Dimensional Diagram



Available chips

860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz
Impinj Monza 4	ISO18000-6C	96 bits	860~960 MHz
UCODE G2iL	EPCglobal Class1Gen2	128 bits	860~960 MHz

Feature

- ▶ Small in size
- ▶ Dust-tight, waterproof, and chemical resistance
- ▶ Works well on metal surfaces

APPLICATIONS

- Asset management
- Returnable transit items tracking
- Retail tracking applications