



## Emagic Technology Co., LTD.

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### EM-T40 SPECS---UHF RFID Anti-metal Tag

Physical Characteristics	
Dimensions	120x30mm, Front hole: D4mmx2; Side hole:10x2mmx2; thickness: 10mm
Weight	About 46g
Material	PC
Colour	Black or other color customizable
Mounting Methods	Screw, adhesive, Cable tie
Communication	
RFID	RFID
Barcoding	
Not support	
RFID	
Frequency	US(902-928MHZ), EU(865-868MHZ)
Protocol	ISO18000-6C (EPC global UHF Class 1 Gen 2 )
IC type	Alien Higgs-3
Memory	EPC 96bits (Up to 480bits), USER 512bits, TID64bits
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read range(Fix Reader):	9.5m, US(902-928MHZ); 9.3m, EU(865-868MHZ)
Read range(Handheld Reader):	6.0m, US(902-928MHZ); 5.8m, EU(865-868MHZ)
Other functions	
Not applicable	
Developing environment	
SDK	support
User Environment	
IP Rating	IP68
Operating Temp.	-25°C to +105°C
Storage Temp.	-40°C to +105°C
Humidity	5% RH - 95% RH non condensing
Accessories	
Not applicable	

