

RFID Class 1 Gen 2 (ISO 18000-6C) / 865-868 MHz (EU) / 902-928 MHz (US)

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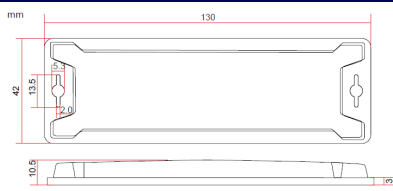
## FUNCTIONAL SPECIFICATIONS

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	30M - (US) 902-928MHz, 28M - (EU) 865-868MHz, On Metal 16M - (US) 902-928MHz, 14M - (EU) 865-868MHz, Off Metal
Read Range : (Handheld Reader)	22M - (US) 902-928MHz, 22M - (EU) 865-868MHz, On Metal 11M - (US) 902-928MHz, 11M - (EU) 865-868MHz, Off Metal
Warranty:	1 Year

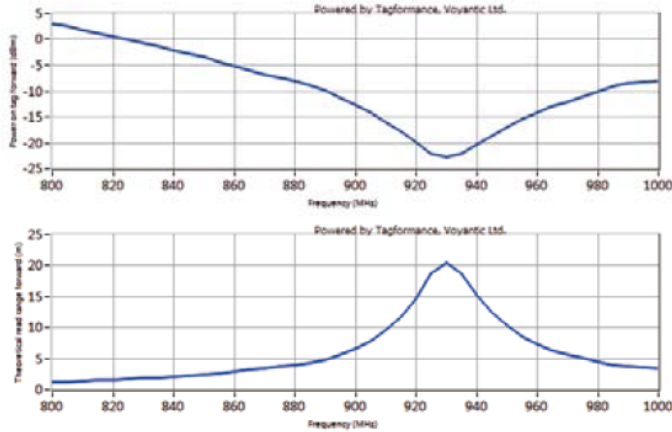
## PHYSICAL SPECIFICATION

Size:	130.0x42.0mm
Thickness:	10.5mm
Material:	PC
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	45g

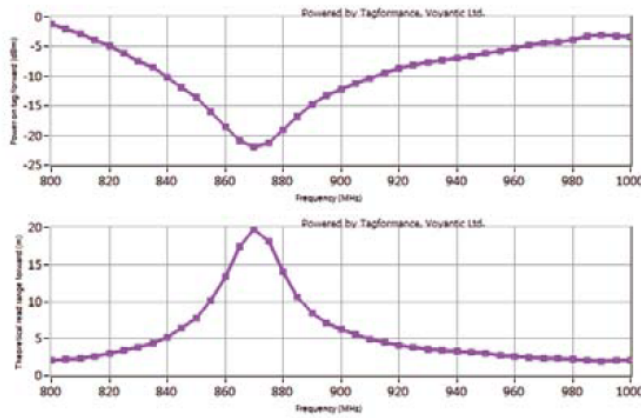
## DIMENSIONS



## PCB130U1



## PCB130E1



## ENVIRONMENTAL SPECIFICATION

IP Rating:	IP68
Storage Temperature:	-40°C to +100°C
Operation Temperature:	-30°C to +80°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

## ORDER INFORMATION

T-2410U1:	(US) 902-928MHz,
T-2410E1:	(EU) 865-868MHz