



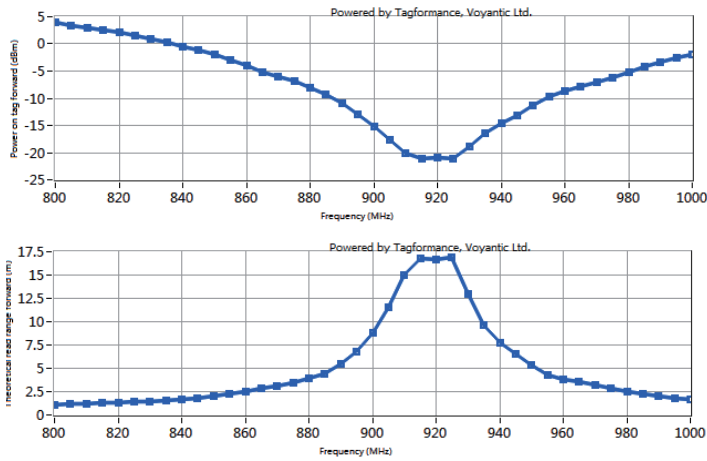
### Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	US(902-928MHZ), EU(865-868MHZ)
IC type:	NXP UCODE 8
Memory:	EPC 128bits , USER 0bits, TID 96bits
Write Cycles:	Minimum 100,000 times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	Up to 19.0m, US ( 902-928MHZ ) Up to 20.0m, EU ( 865-868MHZ )
Read Range : (Handheld Reader)	Up to 7.0m, US ( 902-928MHZ ) Up to 7.5m, EU ( 865-868MHZ )
Warranty:	1 Year

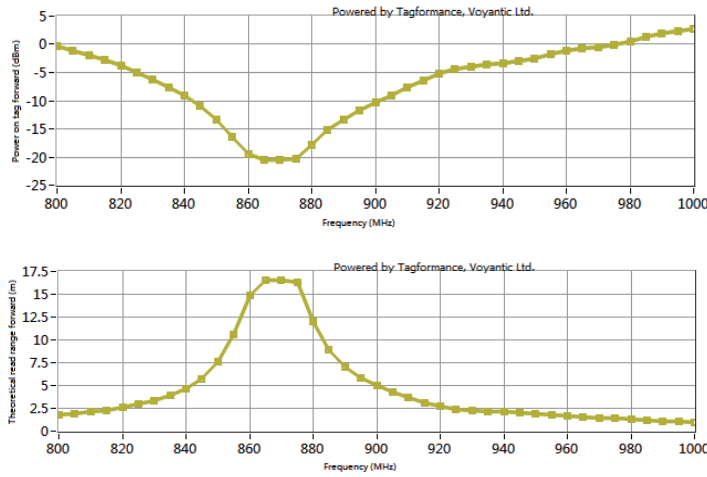
### Physical Specification:

Size:	105.0x30.0mm, Hole: D5.2mmx2
Thickness:	7.5mm
Material:	ABS+PC
Colour:	White(Or Others)
Mounting Methods:	Adhesive, Screw, binding
Weight:	26.0g

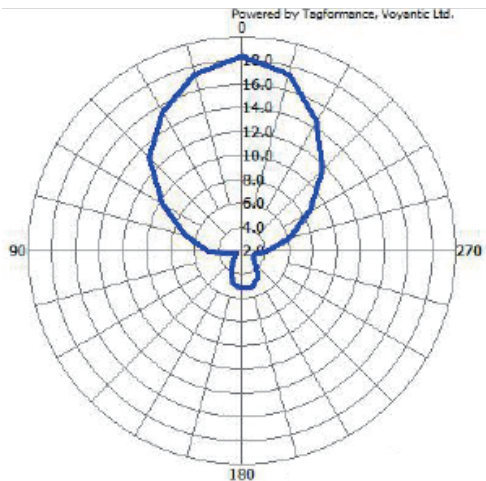
**OPP105U1:**



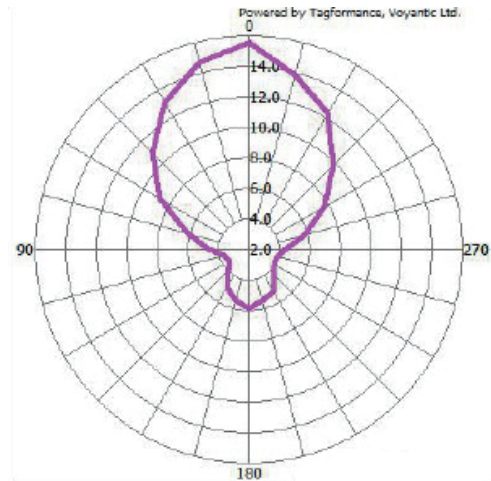
**OPP105E1:**



**Radiation pattern:**

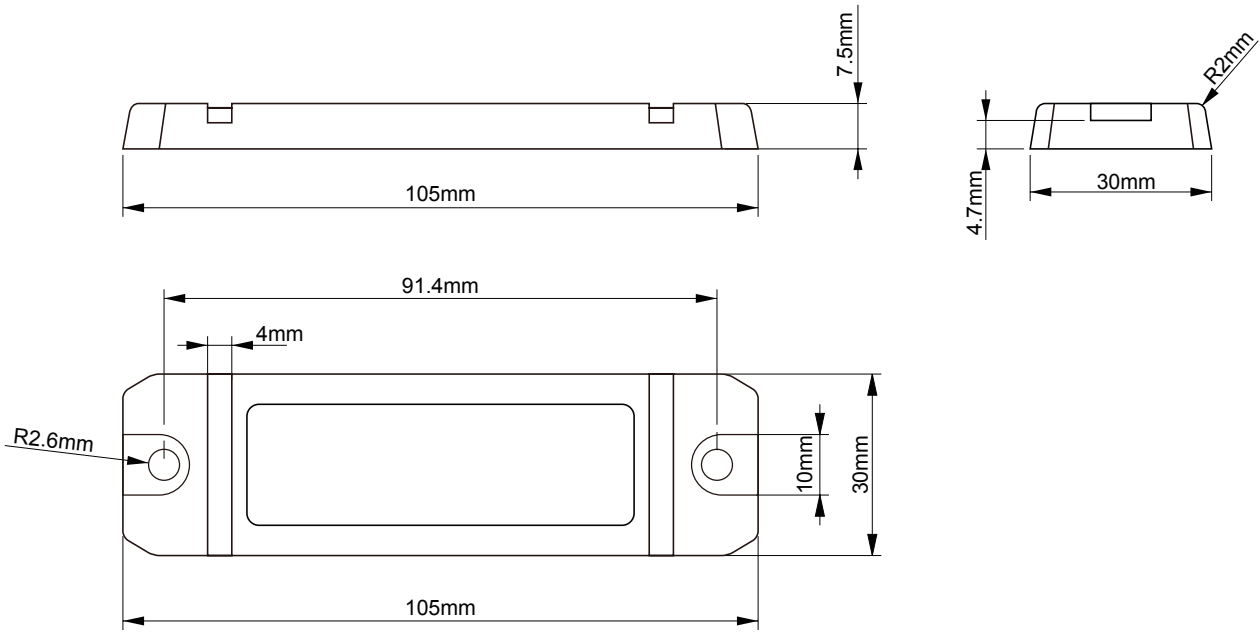


US(902-928MHZ)



EU(865-868MHZ)

**Dimensions:**



**Environmental Specification:**

IP Rating:	IP68
Storage Temperature:	-40°C to +85°C
Operation Temperature:	-25°C to +85°C
Certifications:	Reach Approved, RoHS Approved, CE Approved, ATEX Approved.