Technology Solutions for Retail

CEW8016



Functional Specifications

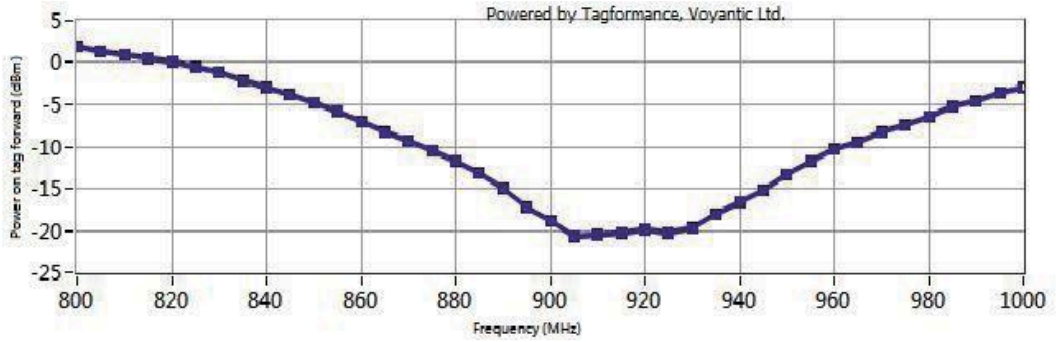
RFID protocol	EPC Clase1 Gen2, ISO18000-6C
Frequency	US(902-928MHZ), EU(865-868MHZ)
IC type	NXP UCODE 8
Memory	EPC 128bits, USER 0bits, TID 96bits
Write cycles	Minimum 100,000 times
Functionality	Read/write
Data retention	Up to 50 years
Applicable surface	Up to 50 years
Read range (Fixed reader)	Up to 11.0m, US (902-928MHZ) Up to 10.0m, EU (865-868MHZ)
Read range (Handheld reader)	Up to 5.5m, US (902-928MHZ) Up to 5.0m, EU (865-868MHZ)
Warranty	1 Year

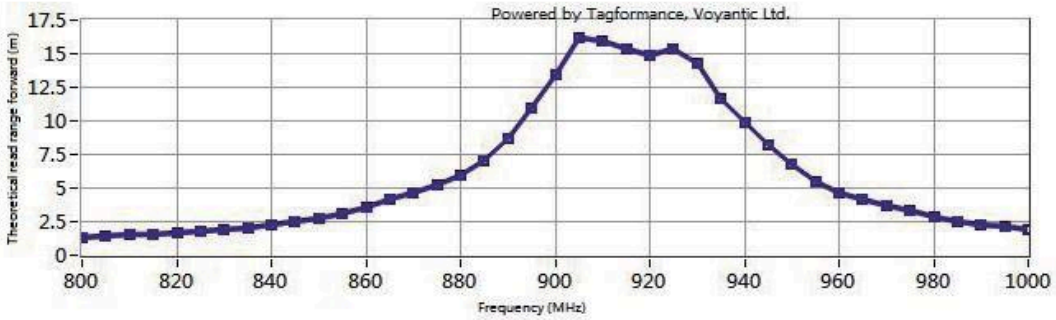
Physical Specifications

Size	69.0x23.0mm, Hole: D5.2mmx2
Thickness	7.0mm
Material	ABS+PC
Color	White (or other)
Mounting method	Adhesive, Screw, binding
Weight	10.8g

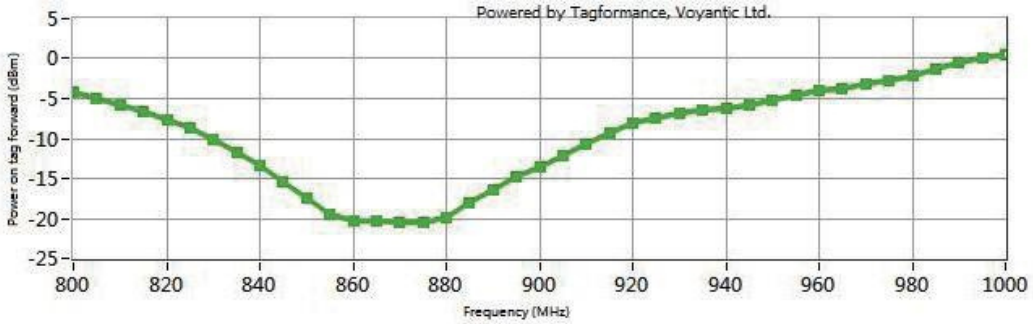
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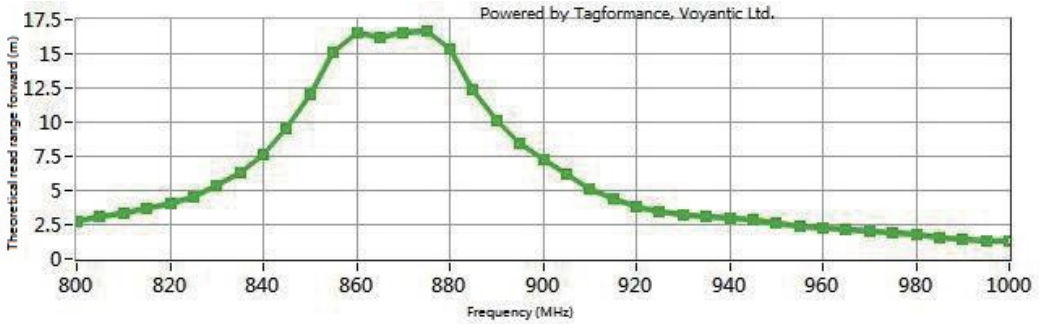
CEW8016 US





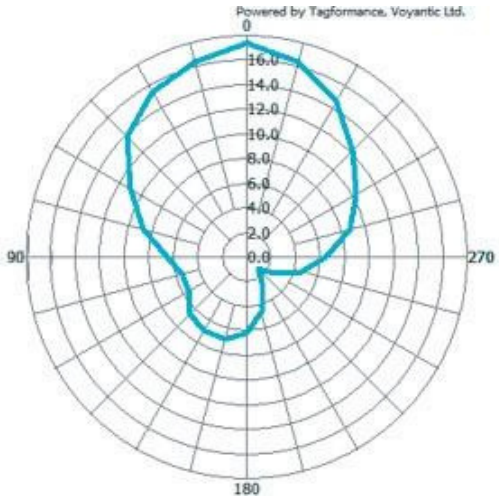
CEW8016 EU



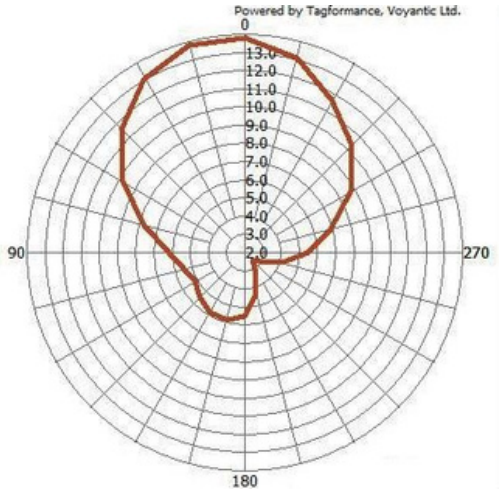


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Radiation pattern

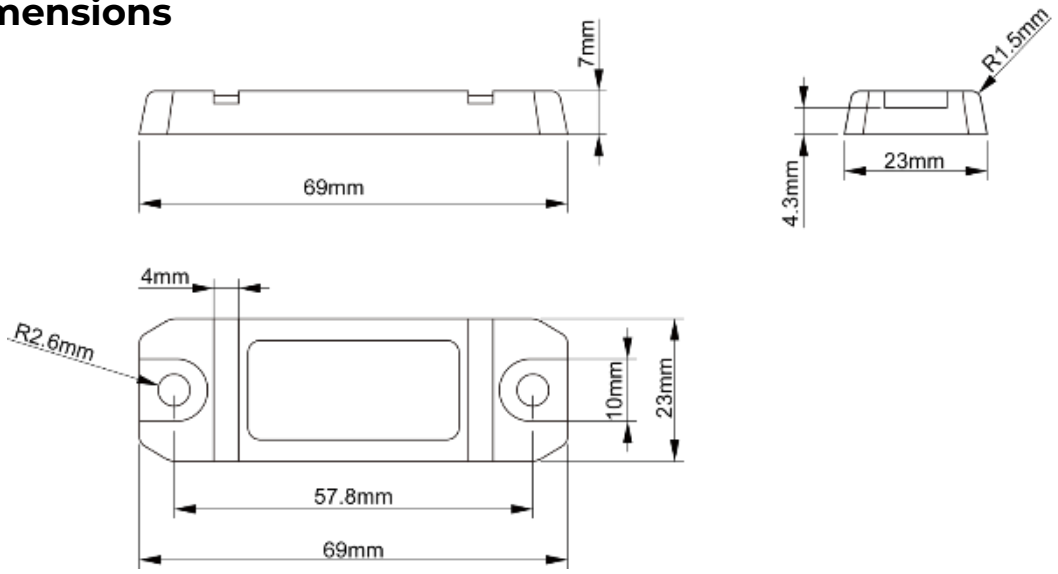


US(902-928MHZ)



EU(865-868MHZ)

Dimensions



Environmental Specifications

IP rating	IP68
Storage temperature	-40°C to +85°C
Operating temperature	-25°C to +85°C

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