

S-UHF-R4/(R7)

Install Guide

Frequency	UHF—866 / 960Mhz	
Standards	ISO18000-6C	
Chip	EPC1 Gen2	
Functions	Read Only	
Interface	TTL	
Reading distance	0 - 4 m	
Power Requirement	S-UHF-R4 = 600ma/12VDC S-UHF-R7 = 2.5 A /12VDC	
Material	ABS	
Colour	Grey	
Dimensions	306 x 296 x 81 mm	
Operating temperature	- 20°C / + 55°C	
Ratings	IP66, IK07	

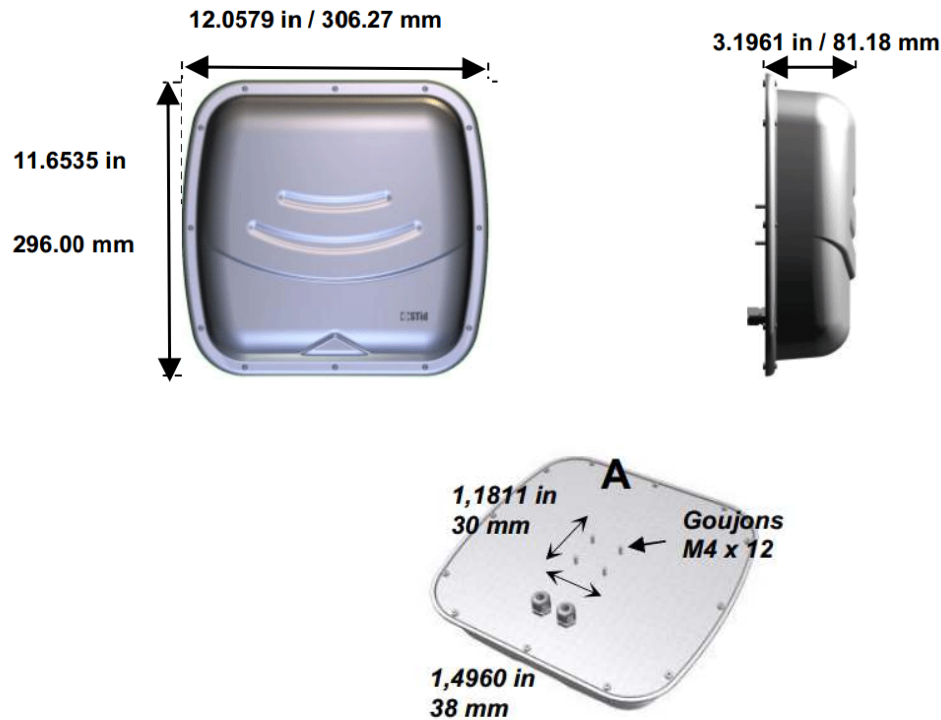
Operating Mode

- When the reader is switched on, it initializes itself for 12 seconds.
- The green led of visualization is lighted.
- Anti-collision up to 4 tags.
- If there are several tags in front of the reader, it will send the codes one by one with a delay of 200 ms.
- The cycle of a scan varies according the number of tags present in front of the antenna the fastest is 100 ms.
- When the reader reads a tag the green led of visualization is activated for 200 ms.

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Dimensions



Recommendations

- The reader should be positioned at least 2 meters away from other UHF readers and the readers pickup fields should not overlap.
- Use a filtered and regulated power supply.
- Adjust the position of the reader in order to be parallel to the tags.
- Do not look the led of visualization without the cover on.
- Do not over tighten the cover screws in order to not crush waterproof joining.
- A power supply which provides 2.5 A to 3 A min. is required.
- For a safe exposure, please take care that the distance between the user(s) and the antenna(s) has to be minimum 25 cm.

Wiring

