

# S-UHF-R4/(R7)

## Install Guide

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

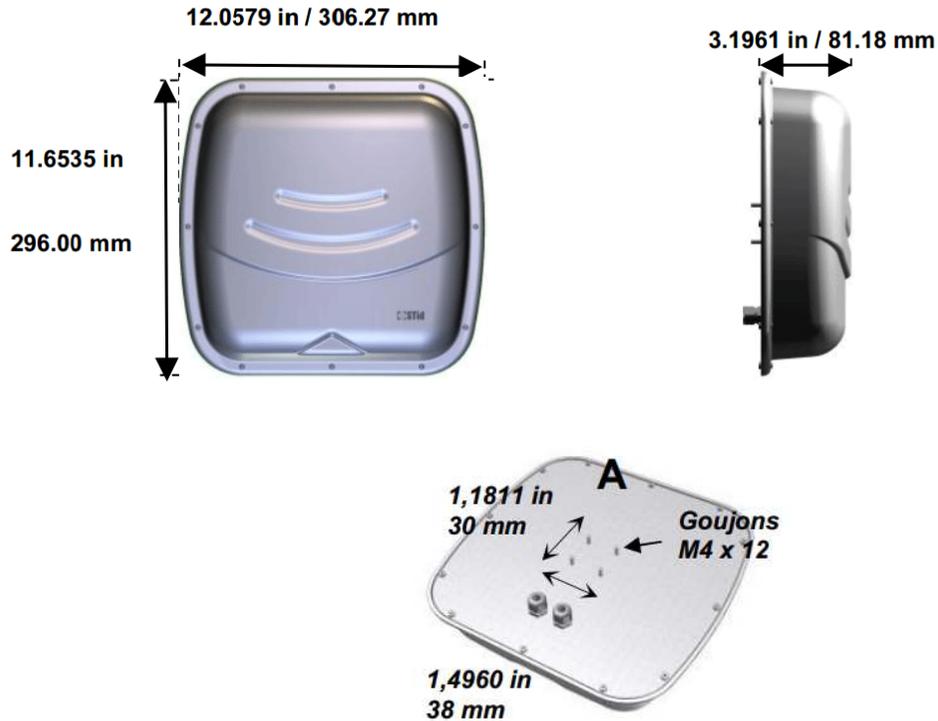
## Operating Mode

- 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.

**Sensor Access Technology Ltd**  
Sensor House, 10-11 Lewes Road  
Brighton, East Sussex  
BN2 3HP, UK

Tel : 01273 242355  
Email : support@sensoraccess.co.uk  
Web : www.sensoraccess.co.uk

## 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

