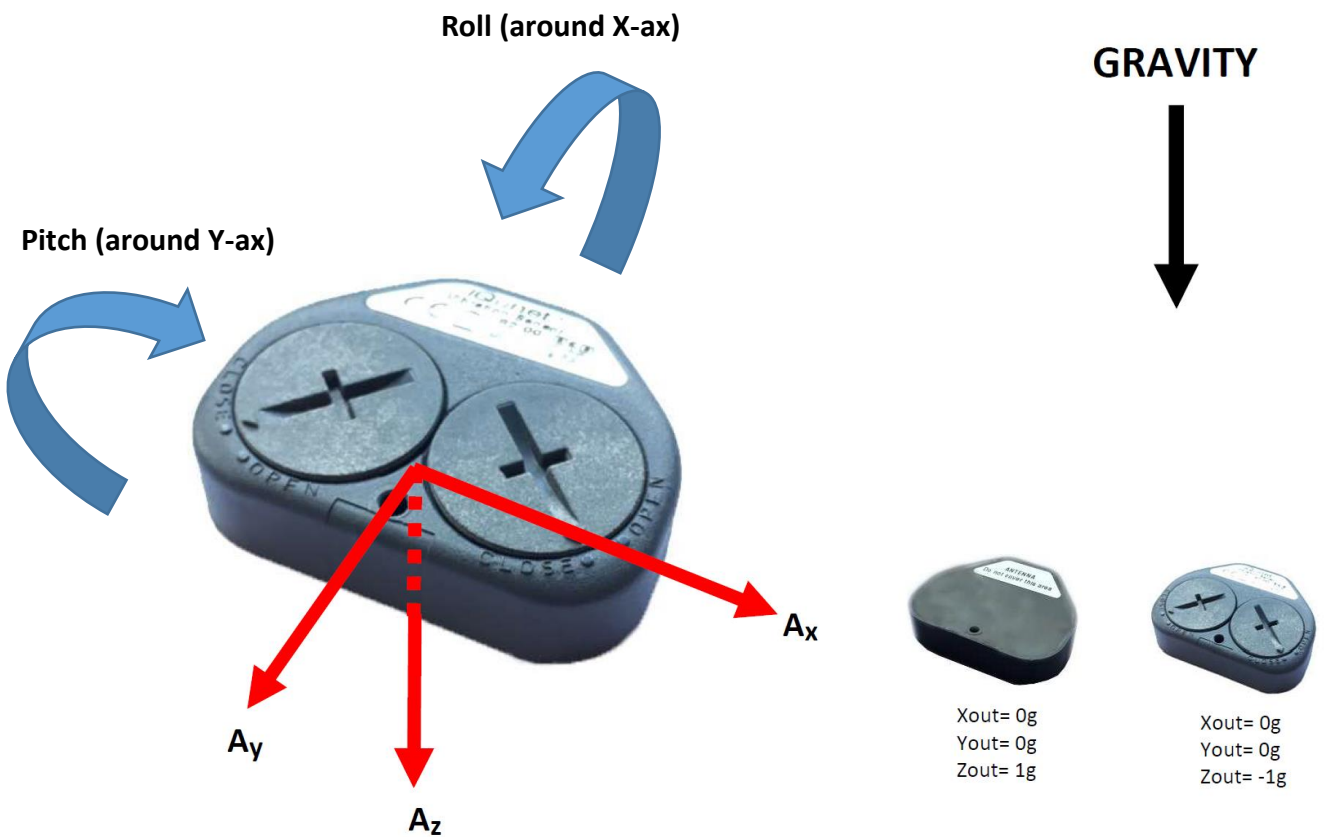
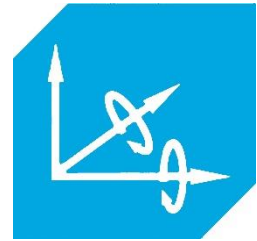


## DATASHEET

### Inclination Sensor



*Axes of acceleration sensitivity (Corresponding Output increases when accelerated along the sensitive axis)*

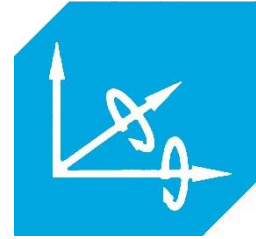
The iQunet inclination sensor shall be mount preferably with the Z-axis (mounting hole) oriented in line with the gravity. Roll and Pitch measurements are zero when mount in this position.

The sensor can be mount either in upwards ( $Z_{out}=-1g$ ) or in downward ( $Z_{out}=1g$ ) position.

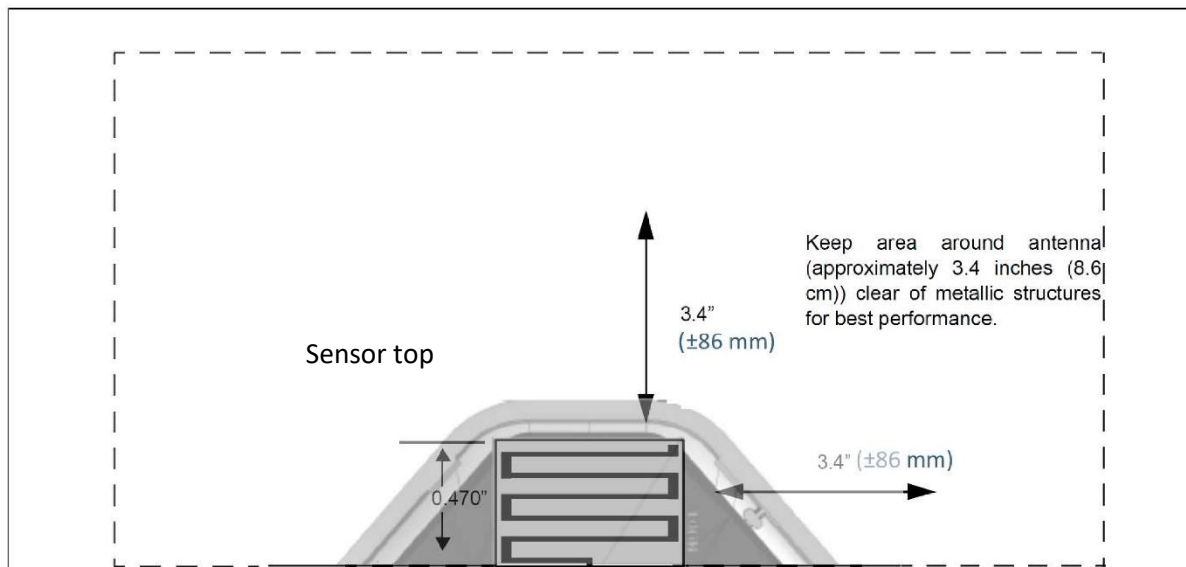
Note 1: Roll and Pitch cannot be measured when the Y-ax orientation of the sensor is close to, or in line with gravity.

Note 2: The roll guard function of the inclination is used in combination with the iQunet Actuator

## DATASHEET



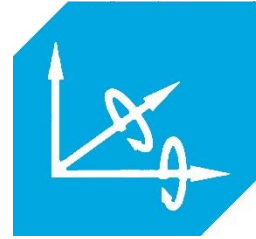
### MOUNTING DETAILS



Keep the area around the antenna free from metallic structures as shown in the figure above.

If metallic structures are unavoidable around the antenna, this will reduce the wireless reach of the iQunet sensor. In this case, it is recommended to test the antenna reach in the mounting configuration before permanent installation.

## DATASHEET



### MOUNTING DETAILS



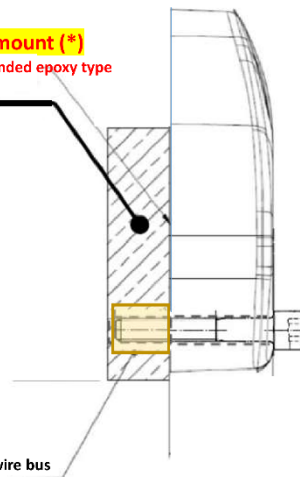
**Use epoxy adhesive for permanent mount (\*)**  
(\* see install guide or online shop for recommended epoxy type)

Equipment base (e.g. rotating equipment)

**Antenna top must be free from metal obstructions for best range**  
**(8 cm around the top in ALL directions)**



Drill  $\varnothing 4\text{mm}$  and insert M3 wire bus



Hex Socket Cap Stainless Steel Plain Socket Screw, M3 x 16mm