



### Operational Description TAG-HGS-1000

Tag1000 (TAG-HGS-1000) is an Active RFID tag platform which designed by AeroScout to use in Hugs infant protection RTLS system.

The Tag based on Wi-Fi 802.11 transceiver (2.4GHz) and LF receiver (125KHz) which are working corporately to build the real time location system (RTLS).

AeroScout TAG-HGS-1000 Tags contain on-board motion sensors. The motion sensor can be configured to trigger alerts. It also enables different transmission intervals for tags when they are stationary or in motion – which reduces unnecessary network traffic and conserves battery life.

AeroScout TAG-HGS-1000 Tags also contains on-board Buzzer that provides Audio indications on preconfigured trigger Alarms.

TAG-HGS-1000 Tags also contain Strap (Band) trigger capabilities which provide Wi-Fi indication if tag attached properly to the infant and when Strap is cut.

The tag is working from 4.2V-2.9V DC supply on-board rechargeable battery.

The tag includes LED which indicates when the LF/Wi-Fi is operated.