



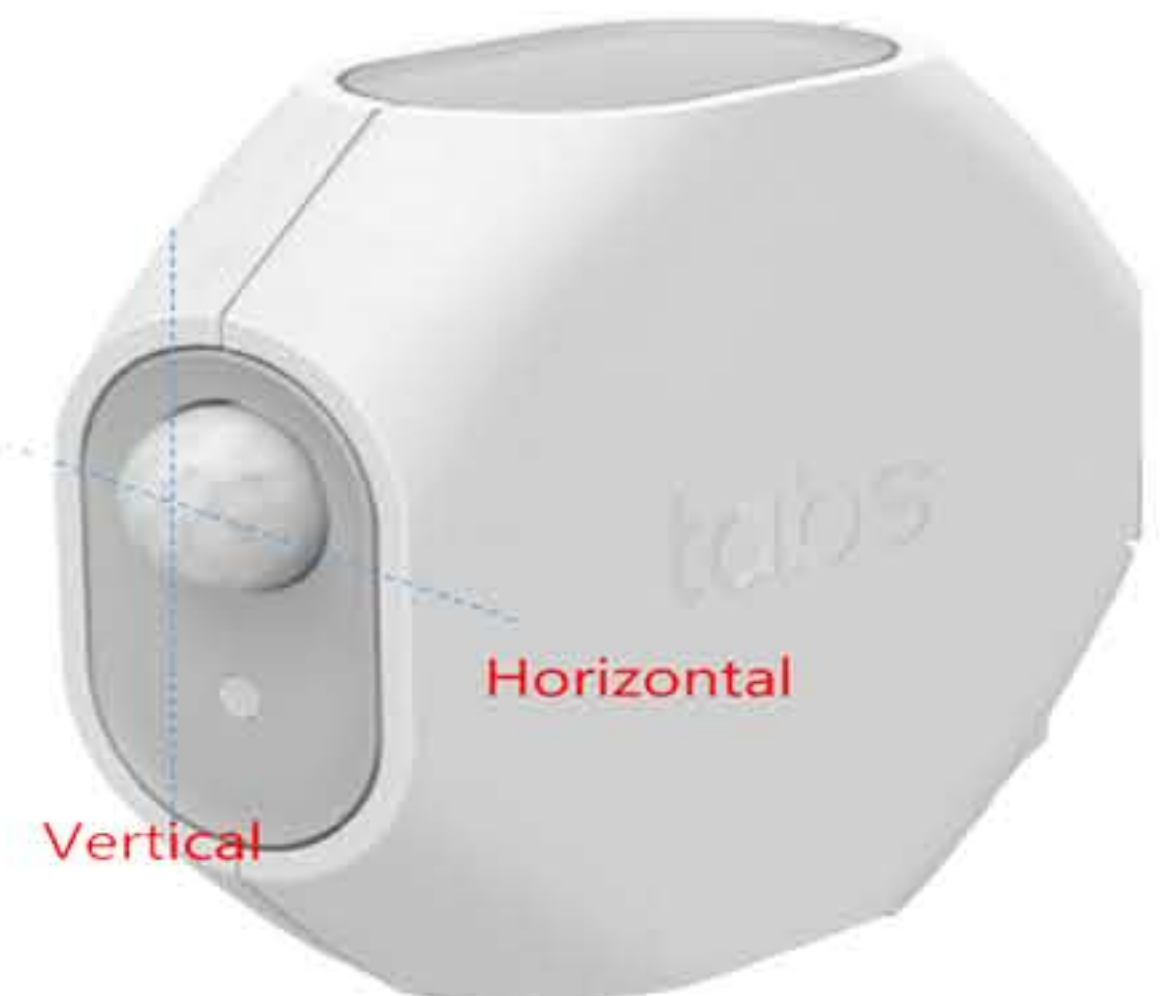
AK INFOS AK1S020 Series sensors are designed for indoor intelligent building and Healthy Home applications. Door&Window Open Sensor includes a main hall sensor part and a permanent magnet, the ideal using case is to place the sensor and magnet on separate elements of a door or window to detect if the door or window is open or closed. It is powered up via a common 3.6V ½ AA Lithium Thionyl Chloride battery, typical battery life 3 years without maintenance. Door&Window Open Sensor has four working mode, Periodic reporting mode and Door open, close, open&close alarm mode which are user configurable. AK1S020 sensors support plug & play for global LoRaWAN network operation.



LoRaWAN
Door&Window Open Sensor



LoRaWAN
Home Health Sensor



LoRaWAN
PIR Motion Sensor

Features:

1. RF TX power up to 19dBm, Sensitivity down to -140dBm
2. Proprietary AK INFOS LAP protocol, Enrich device management and control, Downlink parameter configure.
3. Global LoRaWAN scheme support, plug and play for user
4. Full frequency band 470/868/915MHz available
5. Multi- Application mode , Periodic reporting mode and Door open/close alarm mode which are user configurable.
6. Enhanced dual-LED, more friendly user indication interface
7. High performance antenna design: -4dBi peak gain @470 MHz, -2dBi peak gain @868/915 MHz
8. Upgrade over the air, easy for maintenance
9. Field testing mode to evaluate Network quality
10. Optimized power consumption, Low power for 3 years battery life
11. 3M adhesive installation, easy to deploy

AK INFOS LLC
#510, Level 5, ASMAWI BUILDING,
Street 70, DIP 1, DUBAI - UAE.

☎ +971 4 220 2200.

🌐 www.akinfos.com

✉ support@akinfos.com.