4. Product Specifications for WSNBM-AG

4.1 Specifications

MEASUREMENT	
Tilt Sensor	Built-in advanced accelerometer to deliver tilt angle measurement of XY
Tilt Measurement range	±90°
Tilt Resolution	±0.001°
Tilt Repeatability	±0.010°
Sensor sampling rate	100Hz max
COMMUNICATION	
Host connectivity	CAT-M1/NB IoT Global Bands
Antenna	External antenna
Protocol	MQTT, JSON payload
Data sending modes	interval time, alarm and manually triggering by magnetic key
Alarm function	for tilt and acceleration
Power Supply	External power 5-10V 1A minimum for main power and 6xAA rechargeable battery 1.2V/2000mAh (recommend Panasonic Eneloop Standard) for auxiliary power, M12 connector
Ambient working temperature	-40 .. 85℃ (depends on battery specification)
Housing	Anodized A6061 Aluminum, Carbon-color, IP67
Bracket	:2 x 304SS Bracket for base mount or wall mount
Size | Net weight	H110xW110xD53 (not including antenna)/ 850g
Mounting type	Wall mount

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