

Model Declaration

Wireless Boom Angle sensor (GS010 - 01- V 2)

The Wireless Boom Angle sensor sends the data to the gateway using the sub-GHz band. The sub-GHz module is a communication module that works within the frequency band of 902 MHz to 928 MHz and uses 2-FSK modulation to communicate. Data rate is 19.2kbps.

The sensor is used in crane lifting applications. This **battery-operated** device measures the angle of the boom of crane and reports the data to be displayed on GS920 Display.

Powered Boom Angle Sensor (GS010- 01- PV-V 2)

The Powered Boom Angle Sensor sends the data to the gateway using the sub-GHz band. The sub-GHz module is a communication module that works within the frequency band of 902 MHz to 928 MHz and uses 2-FSK modulation to communicate. Data rate is 19.2kbps.

The sensor is used in crane lifting applications. This **externally powered** sensor measures the angle of the boom of crane and reports the data to be displayed on GS920 Display.

The difference between the Wireless Boom Angle sensor(GS010-01-V2) and Powered Boom Angle Sensor(GS010-01-PV-V2) is only adding the Power board to GS010-01-PV-02 as below for external power. All other electronics such as PCB, circuit, radio parts are same.