



Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

Industrial temperature monitoring and motion sensing

There is a high demand on temperature monitoring and motion sensing in industrial field. A module with both capabilities can apply to many applications. For example, lighting control, car sensing in parking lot, garden automation, and other motion sensing related application.

PIR series modules have the ability to detect infrared waves generated by the human body within a diameter of approximately 8 meters, with a coverage area of 360° for indoor motion detection. The modules can be configured to automatically switch on a light if motion is detected. The modules also contain a temperature and humidity sensor for measuring indoor temperature and humidity, or it can be configured to activate a fire alarm. The RPIR versions include added microwave detection technology that is especially suitable for BA applications. A wide range of interface connections can be selected to suit individual needs, including RS-485/ZigBee/Ethernet/Bluetooth/ Wi-Fi models, and the various models provide support for the DCON and Modbus RTU/TCP protocols, and can be easily integrated into existing HMI/SCADA/central control systems.

The PIR series provides motion detection and temperature measurement capabilities, while the RPIR series provides motion and presence detection capabilities, as well as temperature and humidity and other environmental measurements. The energy-efficiency enhancements provided in the PIR series are very helpful for indoor motion sensing, anti-theft security, quality of life, green energy, and environmental protection. A free Utility is also included that allows configuration information and data to be displayed in a powerful chart format that can be exported to Microsoft Excel.



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PIR-130



PIR-230

If you have another temperature monitoring and motion sensing requirements or have some questions, we can certainly help you to choose the best solution. Please call our technical support team at (310) 517-9888 X102