Making Data Acquisition Easy

Contact:

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ICP DAS USA Introduces Passive Infrared (PIR) 360° Motion and Temperature Sensor

ICP DAS USA introduces PIR-130-DC, a 1-channel passive infrared (PIR) sensor module that detects human-body generated infrared waves within a range of approximately 8 meters in diameter with a 360 degrees coverage area. The PIR-130-DC is for indoor motion detection and can be configured to automatically switch on a light if motion is detected. It also includes a 1-channel temperature sensor that can measure room temperature or be configured to trigger a fire alarm. The PIR-130-DC supports 10~30 VDC power supply while there is another version, PIR-130-AC that supports 110 ~ 220 VAC.

The device communicates over RS-485 interface and supports Modbus RTU and DCON protocols. Timer, Lux Control Level and Sensitivity are adjustable to meet different expectations of users. There is also a photo sensor inside for smart switch-on control. Relay Output can be used to control the light via the PIR/temperature sensor. It can be easily mounted on the ceiling to monitor the room. This PIR-130-DC sensor can be widely used in buildings, homes, and stores to automatically turn on lights if motion is detected. For example, it can be used in storage stores where the lights will be automatically turned off when customers come to drop off their boxes. In this way, the sensor helps you save your energy costs and modernize your room.

ICP DAS USA is a cost-effective leader in the U.S. industrial market; offering a stunningly competitive price/performance ratio, while catering to the latest solutions for current industrial trends. We seek to provide our customers with cost-effective, flexible, and easy-to-use solutions for their Data Acquisition and Embedded Control Applications. ICP DAS USA provides a great variety of products with modular and universal solutions for any scale application or projects.

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at www.icpdas-usa.com, or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.