

The design and implementation of a wireless data acquisition system for a photovoltaic panel system is discussed in this paper. based on the ATmega328P ...

A Smart and Solar-Powered Solid Waste Segregator with Cloud-Based Wireless Monitoring System in a School Campus Analene Montesines Nagayo¹, Eugene Vega², Omar Rashid Al ...

This paper describes the design and realization of a smart electronic system, based on a Wireless Sensor Network, for wide-area monitoring of availability level and rapid changes of the water ...

Sensors are powered by solar energy. The landslide monitoring system presented in this paper is remotely accessible via the Internet and provides real-time information about the current state ...

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scalable, autonomous, solar powered, wireless monitoring system that also provides live video broadcasting. It is based on a low cost microcontroller, a camera module, and an online ...

Dahua's Solar Monitoring Systems combine 4G network transmission technology, video surveillance (with AI functions) and solar power technology, which is suitable for environments that have no power or network connection, providing ...

Get complete home security with the solar-powered SC23 camera system by Campark. Featuring 4MP HD video, color night vision, PIR motion detection, two-way audio, and a stable base ...

We successfully demonstrated a self-powered wireless PV monitoring sensor system by integrating a step-up voltage converter, microcontroller, IR thermometer, Bluetooth ...

Wireless sensing is an excellent approach for remotely operated solar power system. Not only being able to get the sensor data, such as voltage, current, and temperature, ...

development of a smart system to monitor various ambient parameters like temperature, humidity, soil moisture and water level using a wireless sensor network (WSN) based on ...

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