



Making Data Acquisition Easy

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ICP DAS USA Introduces 3G M2M Automation Controller with Solar Charger

ICP DAS USA introduces [G-4513PD-3GWA](#), a machine-to-machine power-saving programmable automation controller. This latest version of the ICP DAS G-4500 series M2M controllers has been updated with a solar charger, which can help save power and costs on power supplies. It also comes with a LCD display that allows users to view the status at a glance, and a built-in real time clock. As a 3G controller, it supports GSM 850/900/1800/1900 MHz and WCDMA 850/900/1900/2100 MHz for easy connection with mobile phones and devices. A wide variety of communication capabilities including RS-232, RS-485 and Ethernet allows the controller to integrate seamlessly with your existing I/O's and SCADA software. The GPS function supports 32 channels and the NMEA 0183 protocol, which makes it an ideal choice for vehicle tracking systems. Each LED indicators for the system, 3G, GPS, and charging makes it easy to detect whether the system is working properly.

The G-4513PD-3GWA machine-to-machine controllers are ideal for applications such as GPS tracking, hydrologic monitoring, mudslide monitoring, geographical information systems, and much more. With the [G-4513PD-3GWA](#) PACs installed, hydrologic data gathering stations are set up along the river. The hydrologic data, such as temperature and flow rate, are captured by the sensors in the water. After the [G-4513PD-3GWA](#) receives the data from the sensors, it sends the data to the central control PC via GPRS. The GPS feature helps show the position of where the captured data comes from. In this way, it is very easy to monitor the data and view the real time trends in the control center. Irregular data can also trigger warnings in order to reduce loss caused by disasters.

ICP DAS USA is a leading provider of easy-to-use and cost-effective industrial automation products. They offer a wide variety of industrial data acquisition, data communication, and automation control hardware and software. 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. We provide free technical support and low lead time.