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HWg-Ares12 – A New GSM/GPRS Thermometer

HWg-Ares12 enables remote monitoring of temperature, illumination, power supply and other sensors over GSM/GPRS. Its internal back-up battery can keep the measurements running for several hours. The product is designed for dozens and hundreds of installations.

HW group s.r.o., a LAN sensors manufacturer based in the Czech Republic, presents a new HWg-Ares12 unit. This GSM/GPRS thermometer enables monitoring of temperature, humidity, door contacts and other sensors over a GSM cellular network. An internal rechargeable back-up battery keeps the device operating for 4 to 12 hours, enabling e-mail or SMS alerts to power outages.

Another unique feature, besides SMS and e-mail communication, is the HWg-Push protocol. The Ares unit can provide data to a standard SCADA or SNMP monitoring system (such as Nagios). It is therefore easy to create combined LAN and GSM remote monitoring systems. Sensors that communicate over GSM need a SIM and a data plan; on the other hand, they can be placed virtually anywhere. Installation is a matter of minutes and only requires GSM signal coverage.

For simple applications, the free HWg-PDMS software can be used to display charts of measured values and export data to MS Excel. HWg-Ares12 is configured over USB and supports FOTA (Firmware Over The Air) upgrades. The product is designed for installation in dozens and hundreds of remote locations.

About the company

HW group s.r.o. is a dynamic company based in the Czech Republic. Since 2000, HW group develops and distributes IP sensors and M2M monitoring solutions. The product portfolio is targeted to measuring and data collection. Approximately 60% of the production is destined to the EU market, 30% is exported outside of the EU.

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