

From Argentina to Zanzibar, Cixi City to Karachi, there is only one established open protocol — **The Web Browser**

Anyone who can surf the web, now can do sensor monitoring, control, data logging, and email alerts without any training or custom software. All you need is a web browser running on any laptop, PDA, or cell phone anywhere in the world.



Another Industry First.. *Maverick* IP Sensor Appliance

The *Maverick* IP Sensor Appliance incorporates a web server, analog/digital inputs and relay outputs. Power the appliance with any 24VAC transformer, plug it into a hub/router, launch any web browser, punch in the default IP and connect. No custom software to load, no discovery routines, no custom cables, or training.

The *Maverick* serves up static web pages with dynamic data updates every **second** or two. Uses the intuitive and familiar navigation of the browser to configure and operate the appliance. Most users can configure and utilize the appliance without any training or support in less than **5 minutes**.

Maverick IP Sensor Appliance

- Embedded lean TCP-IP stack - HTTP, SMTP, DHCP, DNS, FTP, and ARP
- 2048 samples data logging on each input with programmable interval from 1 sec. to 99 hours
- Data logged in CSV files and can be imported into Note pad, Excel, Word, or any other application which accepts comma separated files
- Logged data can also be viewed as a graph with adjustable X & Y scales
- Embedded XML formatted input & output data
- Lowest cost HTML & XML node for enterprise systems
- Programmable email alerts on all inputs to two email addresses
- Option to attach logged data CSV file to the email alert
- Power cycle email alert
- DHCP IP change email alert
- Real time clock with SuperCap 10-day power back up
- Browser initiated remote manual control on all outputs
- Time-of-day based output control
- Sensor input based setpoint control with adjustable deadband
- Two versions: 8 inputs or 4 inputs & 4 relay outputs
- Digital, 0-5/0-10 Vdc or 4-20 mA inputs
- Output relays rated @ 5 Amp 250 VAC

Coming Soon:

July '08: Sub Metering Appliance - Metering Maverick accumulates pulses from electric, gas, water or steam meters and displays hourly, daily, monthly accumulated totals. Sends email alerts if demand or consumption exceeds threshold.

August '08: Environmental Appliance - IP programmable thermostat with humidity control for light commercial or residential applications.

September '08: Home / Light Commercial Automation Appliance - Programmable Thermostat, with humidity, ERV and zone control with auxiliary I/O for lawn sprinklers, outside light control and compliance monitoring for ventilation.

October '08: AHU Automation Appliance - Single stage rooftop or heat pump appliance with programmable thermostat, humidity, dry bulb or enthalpy economizer control and ventilation compliance monitoring.

December '08: AHU Multistage Automation Appliance - Two stage heat and cool, humidity, dry bulb or enthalpy economizer, programmable thermostat, zone control and auxiliary I/O with setpoint or PID control.



7400 Flying Cloud Drive • Minneapolis, MN 55344-3720 • USA
800-843-5116 • 952-835-1626 • Fax 952-829-5331
sales@mamacsys.com • www.mamacsys.com