

For Immediate Release**Four channel LED Dimmer module allows remote control via web browser using on-board vessel NMEA 2000 network and up to 40 lights.****Brookings, Oregon** —September 10, 2015

Chetco Digital Instruments releases a new LED light dimmer module that offers remote control via any web browser both on-board and off-board. SeaSmart RDM™ interfaces directly to vessel NMEA 2000 networks and receives commands from the company's SeaSmart WiFi and Ethernet gateways. Up to 32 modules can be placed anywhere on the bus and control four separate dimmer circuits per device. Each circuit can be set for direct drive of up to 8 amps at 12-24VDC PWM or 0-10VDC for industry standard dimmable LED lights.

SeaSmart RDM™ operates as a slave to SeaSmart™ gateways which contain an embedded web server for interface with on-board browser devices such as tablets, iPads, Smart Phones Android OS, and PCs. When combined with an optional internet connection, remote control of vessel lighting is possible from any location both on-board and off-board.

Each SeaSmart gateway contains a user defined web page to set dimming levels on the modules four channels. User names and zones can be assigned to each channel. Active feedback will update the interactive web page with current status.

SeaSmart RDM™ can also be used directly with any SeaSmart™ gateway to provide complete stand-alone remote control over a Wireless or wired Ethernet network.

A major benefit of the new SeaSmart RDM™ is seamless integration with Chetco Digital Instruments HelmSmart.net™ Cloud data services. LED Light dimming levels and energy usage can be constantly uploaded to the cloud service for logging and reporting. Energy monitoring and alert/alarm services can



also be configured from HelmSmart.net™ for each of the separate circuits. It is even possible to control the dimmers directly from the HelmSmart.net™ service.

SeaSmart RDM™ is directly powered by the NMEA 2000 interface, providing a very simple installation. A weather-resist flying-lead cable harness connects the control and power leads to each light. Commands and status are sent over the NMEA 2000 bus from the controlling SeaSmart gateway which also forwards to cloud services if enabled. No internet connection required for any on-board operations.

“We created SeaSmart RDM™ to allow vessels to take full advantage of new LED lighting technology” said CTO, Joe Burke. “With a 10X reduction in energy draw, resistance to vibration and moisture, and ability to dim down by 90% without significant energy waste, LED lighting is rapidly becoming a standard feature in new vessel construction” he added.

SeaSmart RDM™ is a complement to all SeaSmart adapters which now offer SD data logging and direct sensor interface options. With the launch of the HelmSmart™ Cloud service, any SeaSmart device can capture and upload NMEA 2000 bus data for internet access. Up to 4G byte of internal SD storage provides over a year’s worth of vessel data which can be upload at anytime to the search engine service.

SeaSmart RDM™ is offered as a separate remote NMEA 2000 interface or as a direct add-on to any SeaSmart WiFi or Ethernet gateway. All models include four separate dimming outputs with either 12/24V direct drive or 0-10VDC control drive. With a footprint of only 4" X 2" X 2" and a power draw of less than 500mA, the water-resistant SeaSmart RDM™ adapter is perfect for Sail boats or other small craft that demand compact low-impact equipment.

SeaSmart RDM™ will be featured in the IBEX 2015 Connected Boat Pavilion Booth 1043 from Sept 15 - Sept 17 a the Kentucky Expo Center in Louisville, KY.

SeaSmart.net products are available directly on-line at [www.seasmart.net](http://www.seasmart.net) and [www.digitalmarinegauges.com](http://www.digitalmarinegauges.com) . Pricing starts at \$195 for direct 3-wire and \$295 for the basic NMEA 2000 interface. Volume and kit pricing is available.

For more information on SeaSmart.Net™ visit [www.seasmart.net](http://www.seasmart.net). For SeaGauge™, and other Chetco Digital Instruments products, and where to buy, see our web site at [www.digitalmarinegauges.com](http://www.digitalmarinegauges.com), email [sales@chetcodigital.com](mailto:sales@chetcodigital.com) or call 541 469 4783. For information on the new HelmSmart™ Cloud data service visit [www.HelmSmart.com](http://www.HelmSmart.com).

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