Product News

Marine radar technology

SI-TEX Marine Electronics has launched its T-760 Series radar, introducing modern features like touch-screen control, AIS target tracking and standard MARPA (Mini Automatic Radar Plotting Aid).

The series includes the T-760, equipped with an 18-inch compact radome antenna for solid performance in a wide range of conditions and range scale choices from one-eighth of a nautical mile to 24 nm. The T-761 features a 24-inch radome antenna that delivers a narrower beamwidth, resulting in excellent target resolution and increasing the effective range up to 48 nm.

Both the T-760 and T-761 feature powerful 4-kW transmitters, ensuring accurate detection and presentation of targets large and small. Both models also offer multi-speed antenna rotation (16/27/36/48 rpm) for optimum target detection and tracking over a range of boat speeds.

Among many other notable standard features of the T-760 Series are relative motion, true motion, north-up, head-up and course-up presentation modes, auto or manual sea/rain clutter modes, and 11 trail indication settings (including off and continuous). With input from an AIS receiver, the T-760 Series can track up to 50 AIS targets simultaneously. With input of bearing, ship's speed and lat/lon data, the T-760 provides professional MARPA tracking of up to 10 targets at distances up to 20 nm.

At an MSRP of $2,095, the T-760 Series radar has a two-year limited warranty and is built to withstand harsh conditions at sea on commercial and recreational vessels. For more information, visit www.si-tex.com.

GPS via USB

Digital Yacht has introduced a new version of their DualNav GPS and GLONASS positioning sensor, which utilizes a USB interface for both data and power allowing direct connection to a PC or Mac. The GPS150USB is designed for boat owners who use a PC or Mac for electronic charting and navigation rather than a traditional plotter.

DualNav is Digital Yacht's proprietary technology, with a 50 channel receiver design, which utilizes GPS and the Russian-funded GLONASS satellite systems for more reliable positioning. The sensor can be programmed to output data at 10 Hz for smooth chart positioning and improved course and speed updates. It is self-powered from the computer's USB port. The GPS150USB houses all the electronics in its compact 75-mm antenna and has a single 16-foot cable for power and data. It utilizes the industry standard NMEA data format and integrates with all common marine charting programs. Drivers are included for both operating systems.

The GPS150USB retails for $259.95. For more information, visit www.digitalyachtamerica.com.

Cellular booster

The new dual-band Aura and Halo cellular booster kits from Shakespeare improve AT&T, Verizon and T-Mobile cell phone and Internet reception on a boat or in any location where there are weak cellular signals. The compartmentalized design of these cellular boosters increases call clarity for multiple users in areas up to 6,000 square feet. Units feature a metal casing that ensures durability and weather resistance.

Shakespeare's booster kits not only enhance cell phone reception, they also improve a phone's battery life. The energy-efficient Aura booster consumes less than 20W, and the Halo, less than 30W.

Compatible with virtually all U.S. 2G and 3G networks, the Aura CA-VAT kit betters reception for up to five users simultaneously. Accommodating up to eight users, the Halo model works with virtually all U.S. 2G and 3G networks.

Halo's completely integrated CA-V, CA-T and CA-A amplifier kits combine PCS and cellular dual-bands with 4G frequency, resulting in dramatically improved 4G speed for faster uploads/downloads with no buffering.

The Aura booster retails for $612.86. The Halo retails for $1,430. For more information, visit www.shakespeare-marine.com. ■