

## **iSCAN 180 – Press Release**

FOR IMMEDIATE RELEASE  
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### **INTERPHASE INTRODUCES THE NEW iSCAN 180 FORWARD LOOKING COLOR SCANNING SONAR WITH GREATLY EXPANDED COVERAGE.**

#### **Uses Two Transducers to Scan From Both Sides of Vessel's Hull For 180-Degree View**

Interphase, the leader in award-winning and affordable phased array forward looking sonars for the recreational and light commercial market, introduces a new compact color sonar with a full 180-degree forward view. The 3000-Watt Interphase iScan 180 uses two phased array transducers with no moving parts. One transducer is mounted on either side of the vessel's keel to enable a full 180-degree horizontal scan sector (90-degrees each side of the vessels bow) and allows for easy installation on trawlers, large cruising sailboats and other vessels with deep, or full keels.

Working like an acoustic underwater radar, the new Interphase iScan 180 can function in three useful modes. The Forward Vertical Scanning mode shows a view from the surface directly ahead of the vessel to the bottom below and is very useful for monitoring changing bottom conditions and detecting fish or other obstacles. In the Forward Horizontal Scanning mode, the Interphase iScan 180 uses two electronically linked transducers to smoothly steer a searchlight-like beam over a full 180-degrees. In either mode the beam can be steered directly down to view either a split or full-screen conventional downlooking depthsounder view.

Like the popular Interphase Color Twinscope, the new Interphase iScan 180 uses a brilliant sunlight viewable panoramic color display with a 16:9 aspect ratio adapted from high-end digital TV and computer monitors. The wide aspect allows for a full 180-degree horizontal display in addition to wide split-screen displays, such as when viewing sonar/digital data or traditional depthsounder display with forward-looking sonar simultaneously.

With 3,000 watts of peak-to-peak power and ranges up to 1,200 feet ahead, the Interphase iScan 180 is a truly unique tool for detecting hazards like submerged shipping containers, "deadheads,"

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rock pinnacles, coral reefs and shallow water conditions and the 180-degree horizontal scan mode is ideal for following channels or finding safe passage through reefs.

Bluewater fishermen will also find its huge scan coverage invaluable for quickly locating and tracking schools of bait and gamefish or detecting changing bottom conditions and structure.

The Interphase iScan 180 also operates as a traditional, downward-looking color echosounder, and provides a detailed display of bottom contour and composition, as well as suspended fish targets. This information can be provided on a split screen with simultaneous scanning mode, Zoom mode, or full-screen if the navigator desires.

With the touch of a button, navigators can place the unique screen cursor on any target object and determine its depth and range ahead of the boat. The Interphase iScan 180 has the ability to output alarms to external beepers, including the loud Interphase Super-Beep, so depth or target warnings can be heard all over the boat, even over engine noise.

The Interphase iScan 180 was designed for system integration and expandability. It can output NMEA 0183 depth data to other navigation electronics and accepts NMEA lat/lon, and speed from a GPS and water temperature inputs from other external NMEA sources, for truly useful multi-function displays on its wide screen. An optional remote unit is available to provide dual-station operation.

It also has inputs and outputs for live video. By connecting the small Interphase View Cam camera, engine spaces, back decks and other onboard activities can be conveniently monitored. Owners can even monitor underwater sea life and other activity beneath their vessel by connecting the Interphase Fish Cam camera. With the optional external Interphase Multi-Video Switch owners can connect up to 4 cameras, or any combination of cameras and VCR/ DVD players, and manually switch or automatically cycle between the different views.

The video output can be used to pipe the Interphase iScan 180's Forward Looking Display to other remote shipboard video monitors like a big screen TV or computer monitors with video inputs.

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The video output feature also allows owners to display the iScan 180's sonar presentation on many video-capable displays from other manufacturers.

With its USB and serial interfaces, the Interphase iScan 180 is prepared for future expandability to connect with onboard computers and other equipment, even allowing PCs or laptops to serve as a remote display/control for the Interphase iScan 180. Interphase also offers free software upgrades which can be easily downloaded from their website so customers can enjoy future improvements and added features without the hassle of having to return their unit for a factory upgrade.

All this technology comes packaged in a compact; waterproof case that can be flush mounted or installed using the quick-disconnect bracket. The Interphase iScan 180 will carry an MSRP of \$2,899, including two thru-hull transducers. For more information, contact Interphase Technologies, Inc. at 2880 Research Park Drive, #140, Soquel, CA 95073 USA. Telephone: (831) 477-4944. Or visit online at [www.interphase-tech.com](http://www.interphase-tech.com).

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