



## TOSHIBA NETWORK CAMERA BRINGS WIRELESS VIDEO STREAMING TO U.S. NAVY UNMANNED WATERCRAFT



**"THE CAMERA SYSTEM PERFORMED EXTREMELY WELL AT FLEETWEEK AND RECEIVED HIGH MARKS FROM ATTENDING MEMBERS OF THE DEFENSE COMMUNITY," NOTED JEFF DODGE, PRESIDENT, netSCOPE, INC, CHARLESTON, SOUTH CAROLINA.**

Toshiba Security & Network Video, a leading supplier of video surveillance solutions, has brought reliable, high-resolution video capability to a new unmanned watercraft vehicle employed by the United States Navy for homeland security and other critical military operations.

Two Toshiba IK-WB11A wireless network cameras, along with network video equipment empowered by netSCOPE Inc. software, were recently mounted on a remote-controlled, 16-foot Zodiac-style watercraft dubbed the "Sea Fox" to enable transmission of live color video

from the boat to an on-shore base station. Sharp and bright, even in low light environments, the video streams can be clearly viewed on a Microsoft Windows notebook PC from up to one mile away.

The pole-mounted cameras — one



mounted to face forward and the other aft — provide a full 115-degree horizontal viewing area. The operator can view them individually (640x480) or side by side (320x240). The remotely controlled pan-tilt-zoom functions maximize flexibility of this advanced surveillance system. Pointing and clicking on the navigation panel displayed on the notebook's monitor alongside



*Each of the pole-mounted IK-WB11A cameras offer 115° horizontal viewing area*

the video images administer the PTZ controls.

The Sea Fox was designed to be sent into areas, such as a harbor or marina, ahead of troops to provide visual detection of land- or water-based dangers. Powered by a 200 horsepower, jet fuel engine, the GPS-equipped Sea Fox is capable of

running 45 knots in 8-foot seas for upwards of 24 hours straight. It debuted at this year's Fleetweek Show in New York, May 26-June 2.

"The Sea Fox camera system performed extremely well at Fleetweek and received high marks from attending members of the defense community," noted Jeff Dodge, President, netSCOPE, Inc, Charleston, South Carolina. "We had only three days before Fleetweek to put the video system together for the Sea Fox so it was only by the skill of our software programmers combined with the high quality and ease-of-use

of the Toshiba cameras that made it possible."

The Sea Fox system was developed by netSCOPE, Inc. through a joint program with Charleston SPAWAR and other private businesses transferring technology to the defense industry.



*Images from the cameras can be viewed from up to one mile away*

### **ABOUT THE TOSHIBA IK-WB11A**

The Toshiba IK-WB11A is a wireless network camera that allows users to remotely view live, high-resolution (up to 1280 x 960) video streams with audio of homes, day care centers, schools, or businesses from anywhere in the world, via the internet, using a standard web browser.

Versatile, affordable and simple to install for seamless network connectivity, the IK-WB11A offers these key features: a 1.4 megapixel progressive scan CCD, an SD card slot, remote Pan and Tilt control, an alarm function, motion detection, and a privacy mask. The compact camera measures a mere 5.0 x 5.0 x 4.7 inches and can be mounted virtually anywhere.

The IK-WB11A has its own built-in video server, so there is no need for an on-site PC for operation. Only a power source and an Ethernet network (10/100) connection or a wireless router is required. This all-in-one system architecture permits the IK-WB11A to be used for virtually any monitoring scenario.