

## FOR IMMEDIATE RELEASE

### **Sekai Electronics Introduces Compact Near-Infrared Spotlight for Aviation at AUVSI's Xponential 2016 (Booth 1212)**

#### **Adds Discrete Illumination Option to Video Product Line**

La Mirada, California 25 April 2016

Sekai Electronics, a leading provider of video products for harsh environments, today announced the introduction of the first **ultra-compact near-infrared (NIR) Spotlight** for airborne applications that will be on display in **Booth 1212** at AUVSI's Xponential 2016 conference in New Orleans. The NIR Spotlight was specifically designed by Sekai for the harsh environment of external aircraft installations and is suitable for manned or unmanned aircraft. Documented DO-160 testing of relevant sections ensures safety-of-flight in both fixed and rotary wing platforms.

"The NIR Spotlight is a perfect complement to Sekai's leading low-light NIR cameras for aviation," said Roland Soohoo, Sekai's President and CEO. "The new illuminator is ideal for taxiing and takeoff, collision avoidance, perimeter security while parked, and many other airborne applications.

The NIR Spotlight operates in the 850 nanometer range, which is undetectable by the human eye, providing a discrete and powerful light for cameras on board the aircraft. Combined with Sekai's NIR cameras it provides an effective range of 40 meters. The watertight housing has a front diameter of only 30 millimeters and a convex window to prevent beam-distorting droplet build-up. The light operates directly on 28VDC aircraft power via a single MIL-STD connector and has an enable/disable function so it can be activated only when required. The built-in heater ensures safe cold starts, allowing the NIR Spotlight to operate at temperatures from -55°C to +70°C (Storage Temperature: -55°C to +85°C). Power consumption is a very economical 6W when the heater is not activated. A scratch and ding resistant sapphire window and Gore-Tex™ vent ensure long life without special maintenance.

"Our manned and unmanned aviation customers have been asking for this capability," said Mattias Nilsson, Sekai's VP of Sales and Marketing. "With their cooperation, it didn't take long for us to go from requirements, to prototype, and production. It's the way we like to operate"

The new NIR Spotlight is available now for immediate delivery.

#### **About Sekai Electronics Inc.**

Since 1982 Sekai Electronics has been a leading supplier of video equipment for harsh environments. We apply state-of-the-art technology and the appropriate level of ruggedness to meet customer requirements. We have extensive worldwide experience in the application of video technology for unmanned systems, civil aviation, law enforcement, space systems, heavy industry, movie production, and all military branches. Sekai offers a wide variety of standard products, as well as custom development and comprehensive system solutions. Sekai has offices in California, Connecticut, and Germany, plus a worldwide representative network. For further information and contacts please visit [www.sekai-electronics.com](http://www.sekai-electronics.com)

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