



ISI Introduces Next-Generation Thermal Imaging Camera

For Immediate Release

ATLANTA/EWORLDWIRE/Nov. 19, 2004 --- International Safety Instruments (ISI), the company that introduced the first BST thermal imaging cameras for firefighters, has released a next-generation thermal imager featuring instant-on responsiveness, longer battery life, greater resiliency and simplified operation.

The ISI 2500 Thermal Imager is the latest product innovation from the manufacturer of technologically advanced respiratory protection and thermal imaging equipment. Operational in three seconds, the handheld ISI 2500 is ready when the firefighter needs it most, according to Tim McDonald, Thermal Imaging product manager.

"Whether quickly locating the seat of the fire, conducting rapid intervention team rescue, or sizing up the scene fast, this imager needs no standby mode to be instantly available or to extend the life of a fully charged battery," he said. Its rechargeable battery is designed to operate a minimum of four hours, thus eliminating the need to change batteries while at the fire scene.

Thermal imagers use infrared detection to convert thermal radiation into video images. Initially used by firefighters solely to "see through smoke," ISI's thermal imagers now provide valuable, time-saving information for rapid scene analysis to find hidden fires, structural degradation, hazardous environmental conditions and high spot temperatures.

The ISI 2500 sets new standards for resiliency. Designed to withstand a 10-foot drop and remain operational - still functioning without having to restart - it is IP67 waterproof, with or without a battery in place. It also meets the most stringent requirements for vibration tolerance and features fire resistant straps, bumpers, outer shells and battery housings, all of which have passed flame testing similar to that used for breathing apparatus.

The ISI 2500 employs state-of-the-art, uncooled thermal imaging technology from Raytheon Commercial Infrared, which provides the highest standard of imaging performance available. Automatic contrast control and a sensor with an electronic integration mode assure optimal image quality in high thermal energy scenarios.

The unit is exceptionally easy to use, with one-button operation, lightweight binocular style design, slide-on external battery, and a diagnostic external battery charger with status indicator. The standard camera package also includes an internal battery charger, two NiMH batteries, a neck strap, and ACCUTEMP(R) direct digital temperature readout.

The ISI 2500 can be further enhanced with options including an innovative remote LCD screen and telescoping pole, allowing the firefighter to search hard-to-reach areas such as attics, basements and confined spaces without personally entering the hazardous environment. An external two-channel transmitter is available to send images from within a fire scene to the command center, and an ergonomically designed handle can be utilized for easier one-handed operation.

ISI is a manufacturer of quality respiratory protection equipment and thermal imaging systems that offer advanced, time-saving technology to firefighting, law enforcement and industrial users. ISI provides training, service and repair for all of its products.

More information on the ISI 2500 Thermal Imager is available by calling 888-474-7233.

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KEYWORDS: Safety, International, Instruments, ISI, breathing, apparatus, SCBA, firefighting, law, enforcement, firefighters, police, officers, EMS, personnel, Hazmat, specialists, safety, service, professionals, Respiratory, Facemask, Regulator, Breathe, Nosecup, thermal, imaging, camera

SOURCE: International Safety Instruments

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