Remote-controlled camera scans for thermal energy hot spots

Larson Electronics' magnalight.com introduces the RCL-336 remote controlled, pan tilt style, thermal imaging camera. By incorporating a high resolution Flir camera into an established remote controlled spotlight chassis, the RCL-336 enables military, industrial and commercial operators to scan plant and equipment for thermal energy hot spots that indicate potential problems from inside their vehicles.

Larson Electronics' magnalight.com extended its range of infrared oriented devices, by adding a remote controlled thermal imaging camera. A small Flir infrared thermal imaging camera is imbedded in remote controlled pan tilt base system that enables the operator to position the camera's field of view with 360 degrees of rotation and 140 degrees of tilt. The motor control for the pan tilt camera base includes four directional buttons, fast and slow movement control and basic on and off functionality. The remote controls include radio based handheld and dash mount controllers and a hard wired dash mount controller. The remote controlled, motorized pan tilt thermal imaging camera can be permanently or magnetically mounted and passes information to a 6 inch black and white monitor. While military and law enforcement can benefit from an externally mounted, remote control thermal imaging camera to discern targets and threats in low light areas, the RCL-336 has application in many industries. Utilities can use thermal imaging to detect problem areas in generation, distribution or supply equipment. Manufacturers and petrochemical companies can use the remote controlled Flir camera to scan facilities and product for problem areas.

"We are helping operators see better," said Rob Bresnahan with Larson Electronics.

"We can do this by providing bright visible lighting, high powered infrared illuminators and now devices like thermal imaging cameras. All objects produce thermal energy, which registers at the upper end of the infrared wavelength range. By replacing an illumination source with a thermal imaging camera in a remote controlled spotlight type chassis, we can augment an operator's ability to see things not visible to the naked eye. Utility service personnel have been using this technology for years to identify hot spots in lines breaks and other electrical power distribution equipment. Operators in the oil and gas industry utilize thermal imaging to inspect wellhead equipment, refinery equipment and storage tanks. Manufacturing companies use thermal imaging for non-destructive testing of products and facilities. The RCL-336 incorporates the industry leading Flir thermal camera into our most popular remote controlled spotlight chassis, giving these operators the ability to scan the environment for thermal energy without leaving their vehicle. The monitor inside the vehicle will illustrate 'hot spots' which can help identify and repair problems."

Larson Electronics produces and sells a wide range of remote controlled spotlights, ranging from standard halogen models to High Intensity Discharge (HID) Golight spotlights with 3200 lumen output. Magnalight.com also offers a wide range of high powered LED infrared illuminators for low voltage applications. To better serve utilities, contractors and operators in the oil and gas industries, Larson Electronics offers a wide range of permanent mount and portable explosion proof lighting. The RCL-336 remote controlled thermal imaging camera serves the same military, industrial and commercial operators. You can learn more about Larson Electronics at magnalight.com or 1-800-369-6671 (1-214-616-6180 international).

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