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# News

For Immediate Release

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STAR-6241

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## Color Video Camera System Rated for Ex Service, Fixed or Zoom



A new line of color video monitoring systems from L.J. Star provides continuous real-time remote monitoring of reactors, tanks, critical processes or outdoor installations. Using either fixed or zoom lens cameras that are weatherproof and rated EX for hazardous locations, the systems provide 470-line (horizontal) resolution in either NTSC or PAL format. The controller and view screen may be located as much as 1000 meters from the camera mounting, with connection via common 6-conductor telephone cable.

Key specs for the camera include a 1/4-in CCD image scanner with 2.5

Lux light sensitivity, yielding approximately 440,000-pixel displays. Noise is 48dB with a sensitivity range of 300:1. Operating conditions are  $-5^{\circ}$  to  $40^{\circ}\text{C}$  ( $41^{\circ}$  to  $104^{\circ}\text{F}$ ). Protection is IP 65 and an EC-Type examination certificate has been applied for. A choice of five fixed lenses having focal lengths of 2.5 to 8.0 mm is available. The zoom lens covers 6 to 60 mm. The standard camera housing is aluminum alloy with stainless steel an option for the fixed-lens models.

The control unit incorporates a 120 VAC power supply (230 VAC 50 Hz optional), the necessary input and output connections and signal conditioning electronics. Output is 75 ohm at 1 volt. Dimensions are 220 x 220 x 80 mm. (8.66 x 8.66 x 3.15-in.)

The system will accommodate any industrial monitor with 75 ohm, 1 volt input with a coaxial cable.

For additional information, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: [view@ljstar.com](mailto:view@ljstar.com). Web site: [www.ljstar.com](http://www.ljstar.com)

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