


New Bulletin Describes Cameras for Live Views Inside Tanks & Vessels

Process Camera for Live, Remote Viewing into Vessels Date Sheet DS-0001 (04/01)



For live, remote viewing inside a vessel or tank, the new eye-mount camera from L.J. Star Incorporated offers high performance video imaging capability with unparalleled durability. This compact, lightweight camera can be mounted onto virtually any existing sight port or sanitary connection. Or, L.J. Star can provide an integrated videosight glass assembly to meet your specific application requirements.


It can be used to monitor cleaning, spray patterns, mixing, foaming, reactions and level in non-hazardous areas. Using it, an operator can exert or remote visual control over a process, safely and efficiently, whether the application entails one vessel or a number of vessels. The addition of a standard video recorder makes it possible to create visual, real-time records of these processes.

The camera is available in black & white or color versions, with resolutions up to 450 TV lines. Lenses are available in 6 sizes with focal lengths ranging from 2.9mm to 160mm to optimize the desired field of view. The package measures 5.3/4 inches high by 3-1/2 inches in diameter and the unit weight is only 4 lbs.


The housing is made of corrosion resistant unpolished aluminum and is dust and waterjet tight. An adjustable stainless steel mounting bracket is provided to allow for accurate adjustment of the camera view. A 4" clamp connection is available for sanitary applications.

To maintain a clear view, we recommend combining the viewing sight port with the appropriate L.J. Star spray device to wash or purge debris from the product side of the glass window. For very difficult applications, a wiper assembly can also be provided to manually clean condensate, product or dirt on the inside glass surface.


For additional information and applications assistance contact:
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Bracket Mount



Sanitary Clamp Connection



Rugged and compact, a line of high-performance process video cameras described in a new 2-page product bulletin from L.J. Star, Inc. provides live, remote viewing inside a tank or vessel, with a choice of standard bracket or sanitary clamp mounting. The bulletin contains a photo of a typical camera mounted on a sight port and dimensional drawings, as well as descriptive text and detailed specifications.

Specification data includes both physical and electrical / electronic features on all three camera types – B&W, Digital Signal Processing and a higher-resolution (450 TV lines) Digital Signal Processing model. All three can be equipped with any of the product line's six lenses with focal lengths from 2.9 to 16 mm.

Cameras are also available in all-stainless steel and explosion-proof housings for hazardous locations.

The process camera bulletin can be ordered via phone, fax or E-mail, or obtained from any of the L.J. Star representatives nation-wide. It is also available in electronic format on the L.J. Star web site.

To order your copy through the mail, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: view@ljstar.com. Web site: www.ljstar.com