

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

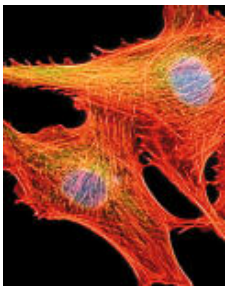
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Find the *Optronics DEI-470/99300C* at our website: ***Click HERE***

DEI 470 Imaging System

Single-chip, video camera with real-time image enhancement

LE 470



Auto Exposure
Real Time Digital Processing
Expands fine details of soft focus, low contrast images. With manually selectable levels for contrast, brightness, color adjust and sharpness, our full resolution, real-time (30 frames per second) digital image processing increases apparent resolution and delivers more image information.

Auto Exposure
This patented feature automatically selects the correct exposure for a wide range of illumination levels. It also allows you to manually choose from a shutter speed of 4 seconds to 1/10,000 of a second. The exposure setting can be photometrically weighted to the full scene, the center of the scene or as a "spot meter" to the brightest points of light within the scene.

Low Light Sensitivity
On Chip Integration provides up to four second exposure to maximize light sensitivity (.01 lux @ 0 dB gain). Ideal for Darkfield, DIC, Fluorescence and Confocal imaging.

Resolution
The 1/2" Power HAD CCD with four color mosiac filter has a light focusing microlens on each pixel to produce accurate color and 470 TV lines of resolution with maximum sensitivity.

Multiple Color and B/W Video Outputs
Allows simultaneous delivery of true-color images using RGB, Y/C, and composite outputs. Also includes a black and white (RS170) output for easy system integration. RS232 serial interface is available for remote computer control of camera functions. The DEI-470 is compatible with all standard analog image processing and image analysis systems and standard video peripherals.

Remote Camera Controller
Camera controller allows operation of all camera functions up to 30 feet away from the camera's remote head.

Full-Size Computer Keyboard
Accesses image processing features and enables complete on-screen text generation.

Built in Image Memory
Allows continuous display of full-frame images during long integration times (1/30 second to two minutes). This eliminates the need for an additional PC.

Gamma Selection
Has two settings and can be adjusted to either 1.0 for a linear response or 0.7.

Remote Camera Head C-mount
Microscope camera head mounts onto any microscope or optical system with C-mount video port and is available with A= .75 reduction lens, B=.5 reduction lens, C=Standard,no lens.

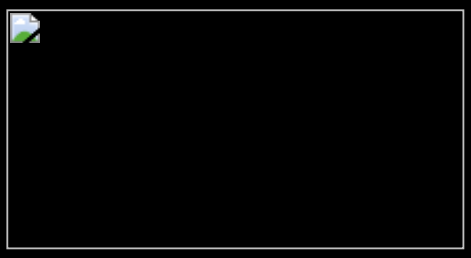
Standard for All Cameras

- Outputs: RGB, Y/C (S-Video), Composite, RS-170A

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

- All cables included for RGB, S-Video, BNC
- Auto Exposure with three selectable light weighting modes
- Power-Had TM CCD
- One-Year Warranty, parts and labor

DEI-470



For our illustrated product specification sheet on the DEI-470, download or view the **printable PDF brochure**. (Online viewing requires the **Free Adobe Acrobat Reader**).

For additional information and articles select from the drop-down list below.

Microscopy Image Gallery ▼

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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