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# ImagePro 9115A



- LCOS Technology
- Progressive Scan Technology
- SXGA Plus (1365 x 1024)
- Great Video and Data Images
- 1800 ANSI Lumens
- 600:1 Contrast Ratio
- HDTV Compatible
- 2D Digital Keystone Correction
- Five Year Warranty



## FEATURES

The ImagePro™ 9115A is the first full featured LCOS (Liquid Crystal On Silicon) projector that incorporates progressive video scanning technology with a new LCOS display device. It provides a super smooth image free of the structure visible when close to a LCD image. The LCOS image has a contrast ratio of over 600 to 1. Along with **1800 lumens** image brightness, the projector has a **SXGA plus** resolution of **1365 x 1024**. Almost every computer image can be shown in full resolution, along with the HDTV formats currently available.

For signal sources of lower resolution or quality, such as from a VCR or DVD players, the projector provides image correction with a motion adaptive progressive scan circuit. This system is superior to the ordinary line doubler found in most projectors. It employs field interlacing and progressive 3/2 pull down frame compensation, gamma correction and a special noise reduction system to yield a film like image. In addition, the black level enhancement can be employed along with the 16:9 aspect ratio compatibility. The progressive scan improves all the video inputs.

At only 12 lbs. the 9115A can be moved anywhere in a home, office or school and provides a fantastic image.

The 9115A is HDTV ready. It features 3 RGB (computer) inputs, 3 video inputs, plus RS 232, and mouse control.



The ImagePro 9115A inputs are easily accessible. Connecting your computer is quick and easy.

## SPECIFICATIONS

Brilliant **1800 ANSI lumens** • **SXGA (1365 x 1024)** resolution • Vertical and Horizontal Digital Keystone Correction • Great images, flawless video quality • Manual Zoom Lens • Freeze Function • Electronic Magnification 4X Pan • 1500 Hour Lamp Life • HDTV compatible • Ultra quiet mode operation • Picture-In-Picture • Black Level Enhancer • FCC Class B • 12lbs. • 600 to 1 contrast • Illuminated top panel controls • Accessories Included: Remote Control • Batteries • Powercord • Video/Audio Cable • Mouse Cable • Component Video Cable • RGB Cable and Audio Cable • **5-Year Parts and Labor Warranty, Free 24/7 Technical Support and 1 Year Free Peace of Mind Loaner Program** Specifications Subject to Change without notice.

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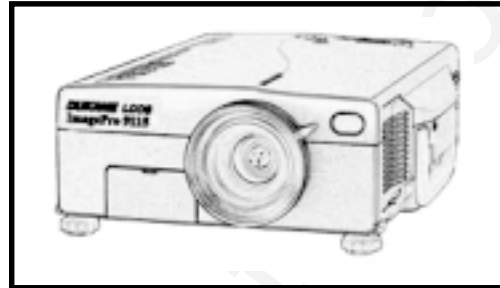
# ImagePro 9115A LCOS with Progressive Scan Technology Data and Video Projector Model 28A9115A



## Specifications (Specifications are subject to change without notice)

<b>Device Type</b>	0.9" LCOS (Liquid Crystal on Silicon) x 3
<b>Brightness</b>	1800 ANSI Lumens 1400 lumens (whisper mode)
<b>Resolution</b>	1365 x 1024 (HxV) pixels, SXGA
<b>Contrast</b>	600:1
<b>Scanning Frequency</b>	fh 15-92 kHz, fv 50-120 Hz
<b>Lens</b>	Manual Zoom (F2.7-3.1), 1.3X
<b>Image Offset</b>	50%
<b>Keystone Correction</b>	Digital vertical and horizontal
<b>Aspect Ratio</b>	4:3, 16:9, Selectable
<b>Focus Range, Throw</b>	4.0 to 41ft.
<b>Image Range, Screen</b>	30 to 300 inches, diagonal
<b>Computer Compatibility</b>	VGA, SVGA, XGA, SXGA, Mac, Mac 13" and Mac 16," SUN, SGI, UXGA (compressed)
<b>Video Compatibility</b>	NTSC, PAL, SECAM, S-Video, HDTV (480i, 570i, 480p, 1080i, 720p)
<b>Image Control</b>	Freeze function, Electronic Magnification 4x and Pan Picture -In-Picture
<b>PIP</b>	Picture -In-Picture
<b>Color Reproduction</b>	24 bit (16.7 million)
<b>Lamp</b>	220W UHB
<b>Lamp Life</b>	1500 hours (typical)
<b>Audio</b>	Speaker 1 x 1watt
<b>Inputs, Video</b>	(1) Min DIN 4-pin, S-Video (1) RCA, composite Video (1) Component video; RCA x3
<b>Inputs, Computer</b>	(2) Signal; D-sub 15 pin, RGB (1) Digital RGB, DVI
<b>Inputs, Audio</b>	(2) Audio, Stereo mini jack, PC (1) Stereo, RCA x 2, for video
<b>Outputs</b>	(1) Monitor 15 pin, D-sub, RGB (1) Audio, Stereo mini jack
<b>Control</b>	(1) 15 pin D-sub control, RS232 (1) USB (B-type) mouse
<b>Fan Levels</b>	36/32 db Ultra quiet
<b>Power</b>	AC100-125V / AC220-240V 50/60 Hz, 360 watt
<b>Size (WxHxD)</b>	9.8" x 4.1" x 13.2"
<b>Weight</b>	12 lbs
<b>Shipping Weight</b>	20 lbs.
<b>Carton Size</b>	15" x 12" x 18"
<b>Accessories Included</b>	Remote control with laser pointer, Batteries, Power cord Video/ Audio cable Mouse cable, Component video cable, RGB cable, operators manual
<b>Operating Temperature</b>	0° to 35°C (32°- 95°F)
<b>Safety</b>	UL/C-UL, CE FCC-Class B
<b>Optional Accessories</b>	Lamps 456-220; Mac Adapter (110-3825)

Five (5) year Limited Warranty on Parts and Labor in North America, lamp excluded (for other locations, local warranties apply.) Includes Dukane's FREE 12 month Peace-of-Mind Loaner Program.



## Overview

The **ImagePro™9115A** features new **LCOS** (Liquid Crystal on Silicon) image forming elements along with the next generation of progressive scan technology. This is combined with a picture resolution of 1024 x 1365 and a contrast of 600 to one, yielding an image that is truly breathtaking.

The 0.9" LCOS chips contain mirror backed LCD elements that are located on silicon substrate. The silicon has all the electronics buried in its structure and thereby permits a higher aperture ratio (92%). This provides an image that is free of pixel lines. A second benefit of the LCOS is the improved contrast ratio, which gives the image a vibrant realistic quality. Third, the image resolution is beyond SXGA. This permits the display of everything from complex detailed computer images to the large content of high definition TV (HDTV) pictures.

With a native resolution of **1365 x 1024** the projector can realistically display computer input signals of VGA, SVGA, XGA, SXGA, UXGA (compressed), Mac 13" and Mac16". It can also display video signals that are in the composite, S-video, and component form. For component video it is capable of 480i, 480p, 570i, 720p, and 1080i signal display which are the HDTV formats.

To assure that the video signal displayed is line and artifact free, the **ImagePro 9115A** has a progressive scan video scaler system, which is far superior to conventional line doublers. This is a **Motion Adaptive Progressive Scan**, which employs field interlacing to provide twice as many full image lines. Line flicker is reduced and the newly generated lines provide added sharpness. Thus, large screen images are cleaner, sharper, and a pleasure to view.

The video image is also improved by a black level enhancement process and an improved 3/2 pull down system to accurately reproduce the film motion sequences. Finally, there are three gamma correction modes to optimize the projected image tonal color range.

The **ImagePro 9115A** at 12lbs can be easily moved about or mounted. The 1800 lumen image has both vertical and horizontal electronic keystone correction.

Multiple connections are possible with 3 RGB (computer) inputs, 3 video inputs, RS232 control, and mouse control via the IR remote control. This includes a DVI (Digital RGB) input, two analog RGB (computer), Component Video, S-video, Composite video, a RGB monitor output, USB and control ports.

The **ImagePro 9115A** is backed by a **Five Year Limited Warranty and One Year "Peace Of Mind"** program which is the finest warranty program in the industry.

## Audio Visual Products



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