

LARGESENSE

LS911

9x11 Inch Large Format Digital Camera
First single shot 8x10 digital camera for sale!



SPECS

Model Name	LS911-M1-V-M
Sensor Type	CMOS (75 micron pixel pitch) 14 bit AD; 11 stops DR; 16 bit files Monochrome. No CFA and no microlenses
Sensor Size	9x11 inches
Pixels	12 MP (3888 × 3072 pixels)
ISO Speed Range	ISO 2100 and 6400
Exposure Speeds	Internal electronic shutter: 1/26 sec to 10 sec External electronic shutter: 1/500 sec to 10 sec
Flash Sync Speed	All speeds, internal and external
Hot Shoe	TTL flash compatible
Storage Media	900 GB internal, SD card slot, external USB3.1 drive
File Formats	Still: JPEG, TIFF 16 bit, TIFF 32 bit, DNG, LSR1 Video: MP4 H.264, TIFF 16 bit, DNG, CinemaDNG, WAV
Network	WiFi 2G, 5G, wired Gigabit Ethernet
Lens Mount	Adapted to a Sinar F, or an LS Custom Front
Focusing	Manual rail focusing with live view
Lenses	All large format lenses that can cover 9x11 inches Image circle of 380mm recommended for infinity focus
Power	120/220 VAC 50/60 Hz <150W
Dimensions	16 x 17 x 10 inches (406 x 432 x 254 mm)
Weight	Without rail or lens: 45 pounds (20 kg)
Accessories Included	Pelican case Front standard Calibration boxes Bellows 750 mm extension

Features

HTML Interface

The camera can connect to tablets, PCs or any modern HTML browsers. A strong 2G/5G built-in WiFi easily allows many devices connecting at the same time.

Live View

Live view lets you focus near the lens, select an area of interest, and zoom. It has an auto contrast feature and brightness control that allows easier image viewing during LV.

User Specified Curves

You may use PhotoShop to create actions using curves. These actions may be loaded into the camera and applied to your linear images.

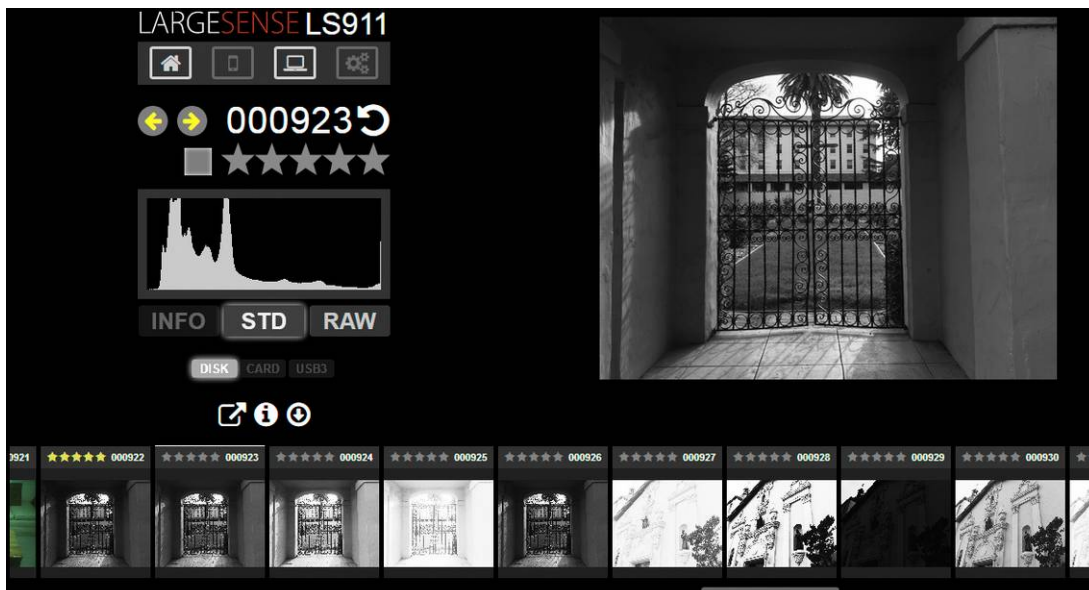


Tri Color Built In

The camera lets you easily take tri color shots. It automatically combines red, green and blue captures into the final image. Color filters would be required.

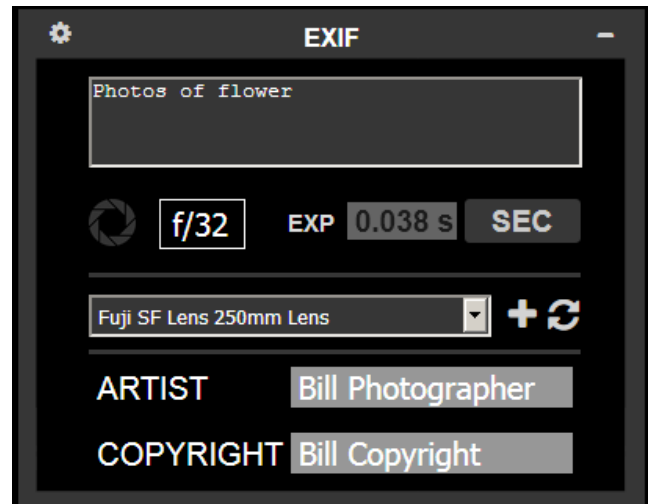
Gallery

You may view the images or videos taken with the camera through the HTML interface from any device. You may rank the images with stars, view the histograms, and download images.



EXIF

The LS911 has an easy to customize EXIF interface. You can easily edit your fields. It keeps a lens database so you can easily select from the lenses you have.



Exposure Speed Control

You can select exposure values by fractional, seconds and milliseconds. Exposures may be set to the nearest millisecond.



Built in Sequence and HDR

You can take a sequence of images, with one or two exposures, then combine them by adding, averaging or fusing. The original images are saved, along with the final combined images.

Also it has an HDR feature which automatically takes a sequence of images of increasing exposures then combines them.

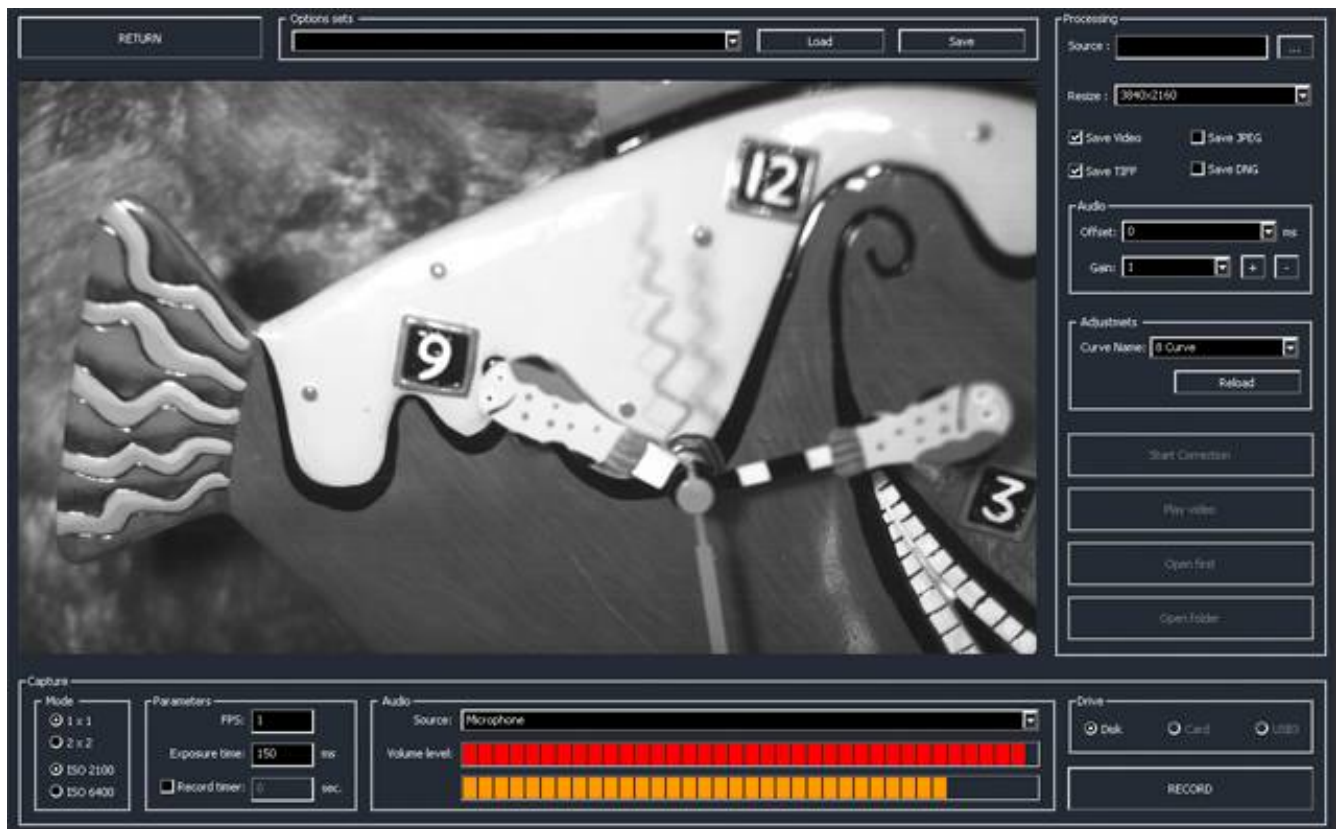


Video

Lossless 4k video is recorded in 14 bit. Frames may be saved as DNG, CinemaDNG, TIFF and MP4 h.264. Sound is recorded with either a line level or a microphone input. As requested by cinematographers, the fps can be specified up to 3 decimal points.

With an optional external LC shutter, the exposure can be precisely set to a 180 degree shutter angle, or any other speeds.

Video is typically saved directly to an external USB3 drive, such as a USB-C SSD. The internal drive can hold 30 minutes worth of video. The video rate is 500 MB per second.



Specification subject to change without notice.

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