SVS-LCD

Low-Vision Viewing System



Reading and printed material

A dedicated low-vision viewing system

The documented SVS-LCD desktop system combines an adjustable optical head, independent focus and iris adjustment, a high-resolution color CCD camera and a large LCD display. White and infrared illumination support different viewing environments.

The positioning system is designed for convenient, ergonomic adjustment. Camera sensitivity, focus control and a separate iris adjustment allow the user to adjust the image for the task.

Configuration identification: this translated brochure describes the original desktop SVS-LCD with a 19- to 32-inch display. It is distinct from the portable SVS LCD configuration elsewhere in the catalogue.

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Principal features

- Magnification up to 30x.
- High-resolution color CCD camera with automatic gain and brightness adjustment.
- Optical system incorporating lenses manufactured in Japan.
- 19- to 32-inch HD LCD display, stated as 1,080 lines in the source.
- System weight: 5 kg.
- Suitable for viewing books, photographs, magazines and newspapers.
- Can also be used for self-viewing tasks, such as applying makeup.
- White and infrared LEDs for normal and low-light use.
- Infrared illumination allows viewing without the visible-light illumination otherwise used at night.
- Adjustable positioning and focusing.
- Modern ergonomic design and handling tabs.
- Independent iris adjustment to control the amount of light entering the camera.



Compact optical head and electronics. The side view shows the ergonomic mounting arrangement for tasks in which the user benefits from an enlarged image.



The front view illustrates the high-resolution display and color-camera arrangement for reading and other visual tasks. The optical head and electronics are compact. A movable support allows the head to be directed toward a range of positions.



The illumination system uses white LEDs for normal viewing and infrared LEDs for use when visible lighting could disturb other people in the room. Adjust focus and iris size to obtain the desired image.

Manual focus and iris



Adjust focus and the independent iris to obtain the image appropriate for the task.

Contact EVOptica for current configuration, demonstration, warranty and support arrangements for your market. Original Brazil-only manufacturing and service promises are not carried forward as new US contractual terms.