

Electronic Viewfinder

User Manual

Thank you for purchasing this Silicon Imaging/P+S Technik Product.
Before operating this unit, please read the Instructions carefully to
ensure best possible performance.

Art.No. 24363 v0807

SiliconImaging

P+S TECHNIK

Contact Information

Web Support:

<http://www.siliconimaging.com/DigitalCinema/>
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http://www.siliconimaging.com/support_forum/index.php

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Delivery Content

Thank you for choosing the Electronic Viewfinder by P+S Technik and Silicon Imaging.

Please check your delivery content with the following parts and accessories listing and your order confirmation:



Electronic Viewfinder (# 23079)

incl. 3-axis adjustable viewfinder holder, eyepiece, eyepiece cup and cable (Lemo 4-pin, VGA)

Note

The ergonomic handle with viewfinder interface is needed for use with the SI-2K Mini Camera Head.

Optional accessories available:

- 23520 Power adapter cable, unregulated for use with the Mini Rig AntonBauer D-Tab to Lemo 4-pin female (12 V unregulated)

User Manual

User interface options



Plus Mode Minus

Setup

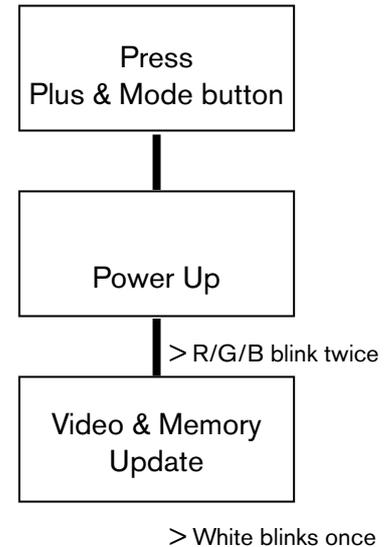
- 1) Plug an VGA video source (VGA output of SI-2K Recording Unit) into the video input connector
- 2) Go to the Video Input Operation, Display Orientation Operation, Color Calibration Operation, Reset Operation, or apply power.

Please note that maximum input voltage is +6.5 V

- 3) The user will notice that red/green/blue lights blink inside the display twice at power up
- 4) The display defaults to luminance control and SVGA input ready at power up
- 5) Go to Normal Operation sequence.

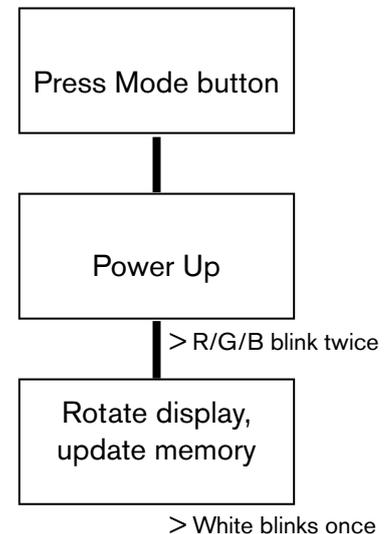
Video Input Operation

- 1) Before power up, press and hold the Plus and Mode buttons simultaneously and then apply power to change video input modes
- 2) Release the Plus and Mode buttons and the display will toggle input modes (SVGA to VGA, or vice versa)
- 3) After two seconds, the white light will blink once to indicate the memory being set with the current settings
- 4) Go to Normal Operation.



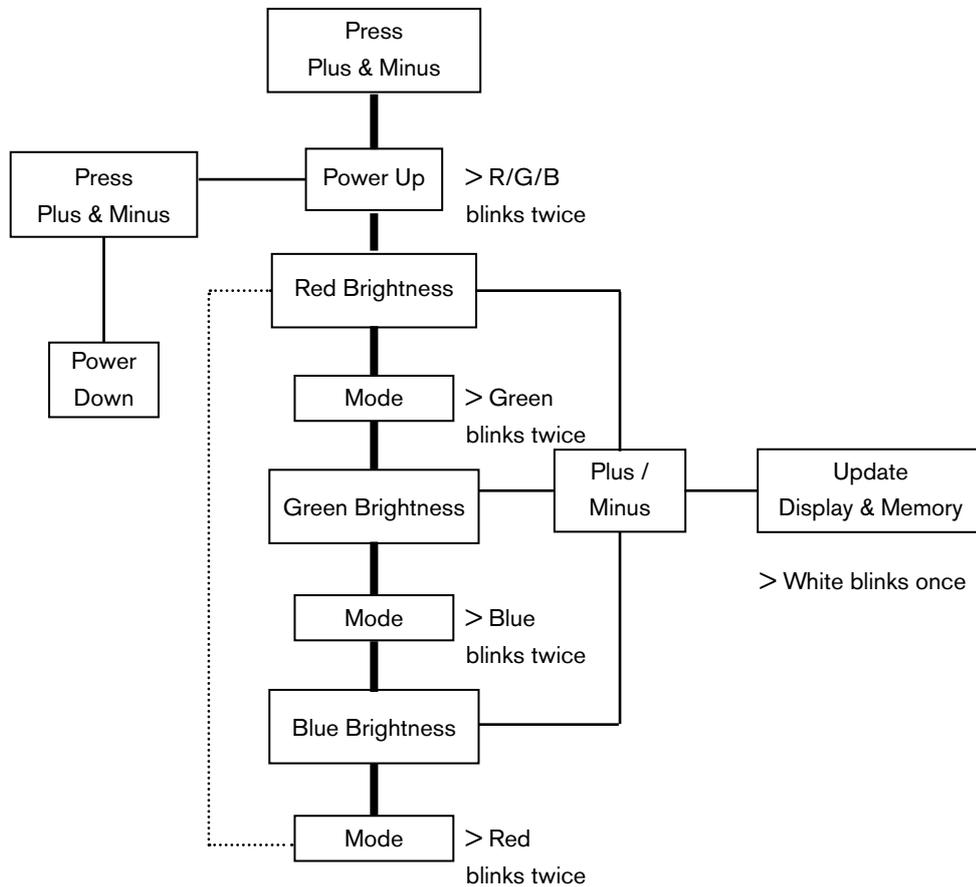
Display Orientation Operation

- 1) Before power up, press and hold the Mode button and then apply power to change video input orientation
- 2) Release the Mode button and the display will rotate 180 degrees
- 3) After two seconds, the white light will blink once to indicate the memory being set with the current settings
- 4) Go to Normal Operation.



Color Calibration Operation

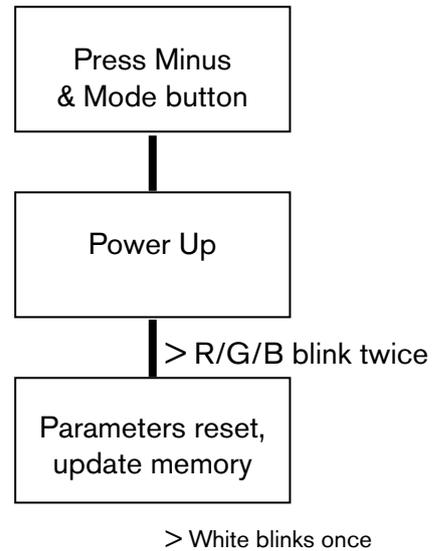
- 1) Before power up, press and hold the Plus and Minus buttons simultaneously and then apply power to enter color calibration mode. The buttons must be released to enter the mode
- 2) After the display illuminates, the red, green, and blue colors of the display can be adjusted. The display defaults to red brightness control
- 3) Press once or press and hold the Plus button to increase red brightness. Press once or press and hold the Minus button to decrease red brightness. While either button is pressed, the red light will be lit. If the display is increased or decreased to maximum or minimum luminance, respectively, the red light will blink quickly
- 4) Press the Mode button for one second to change from red brightness mode to green brightness mode. The green light will blink twice indicating the mode change



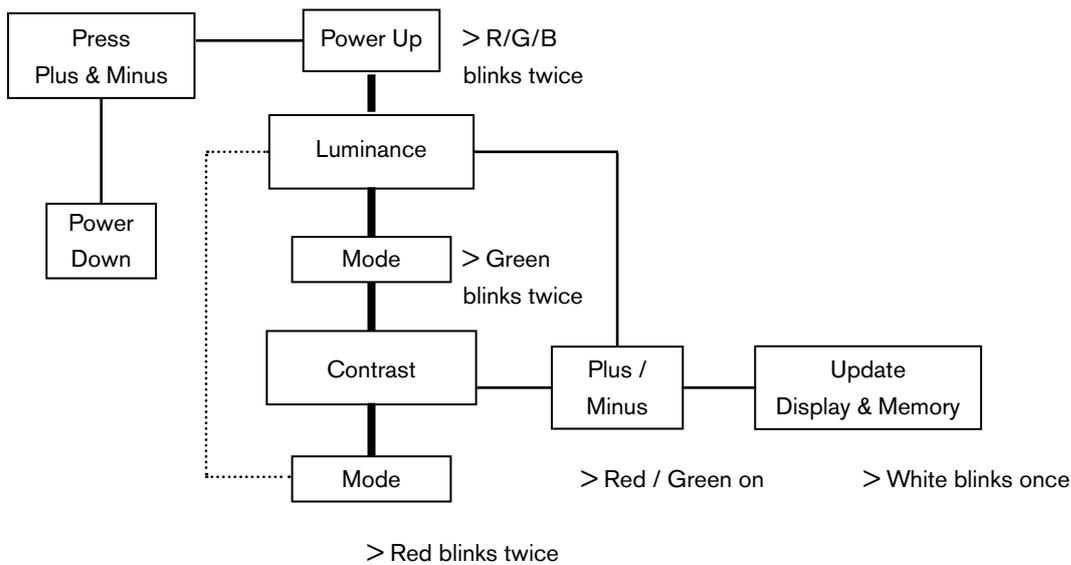
- 5) Press once or press and hold the Plus button to increase red brightness. Press once or press and hold the Minus button to decrease green brightness. While either button is pressed, the green light will be lit. If the display is increased or decreased to maximum or minimum luminance, respectively, the green light will blink quickly
- 6) Press the Mode button for one second to change from green brightness mode to blue brightness mode. The blue light will blink twice indicating the mode change
- 7) Press once or press and hold the Plus button to increase blue brightness. Press once or press and hold the Minus button to decrease blue brightness. While either button is pressed, the blue light will be lit. If the display is increased or decreased to maximum or minimum luminance, respectively, the blue light will blink quickly
- 8) Press the Mode button for one second to change from blue brightness mode back to red brightness mode. The red light will blink twice indicating the mode change. Go back to the beginning of Calibration Operation or continue to (9)
- 9) After two seconds, the white light will blink once to indicate the memory being set with the current red, green, blue brightness
- 10) To re-enter Normal Operation, disconnect power and reapply.

Reset Operation

- 1) Before power up, Reset Operation can be entered by pressing and holding the Mode and Minus buttons simultaneously and then applying power
- 2) Release the Mode and Minus buttons and the display will be reset to factory settings, which are:
 - a. SVGA input
 - b. Right-eye orientation
 - c. Median color brightness, contrast, and luminance
- 3) After two seconds, the white light will blink once to indicate the memory being set with the current settings:
- 4) Go to Normal Operation



Normal Operation



- 1) Press once or press and hold the Plus button to increase luminance. Press once or press and hold the Minus button to decrease luminance. While either button is pressed, the red light will be lit. If the display is increased or decreased to maximum or minimum luminance, respectively, the red light will blink quickly
- 2) Press the Mode button for one second to change from luminance mode to contrast mode. The green light will blink twice indicating the mode change

- 3) Press once or press and hold the Plus button to increase contrast. Press once or press and hold the Minus button to decrease contrast. While either button is pressed, the green light will be lit. If the display is increased or decreased to maximum or minimum contrast, respectively, the green light will blink quickly
- 4) Press the Mode button for one second to change from contrast mode back to luminance mode. The red light will blink twice indicating the mode change
- 5) After two seconds, the white light will blink once to indicate the memory being set with the current settings

Power Down

- 1) Press and hold the Plus & Minus buttons simultaneously (or the Power button if using a UI Box) for two seconds and the display will turn off
- 2) The red/green/blue lights blink twice
- 3) The Plus, Minus, and Mode buttons will be inactive while the display is off
- 4) Go to Power Up sequence.

Power up & Operation

- 1) 1) Press and hold the Plus & Minus buttons simultaneously (or the Power button if using a UI Box) for two seconds and the display will turn on. The buttons do not have to be released during this time to turn the display on
- 2) All buttons will now be functional
- 3) Go to Operation sequence

Technical Specifications

Weight (with holder)	770 grams
Dimensions (with holder)	L = 125 mm W = 175 mm
Diameter of Eyepiece	65 mm
Resolution	800 x 600 pixel
Light source	OLED Technology
Connectors	Power connector 4-pin Lemo USB Connector
Accessories	Standard eyepiece cup, Accessories can be use and can easily be exchanged
	3 axis adjustable viewfinder holder, can be attached to the SI-2K ergonomic hand grip for left and right eye usability

Dealer and Partner Contacts

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