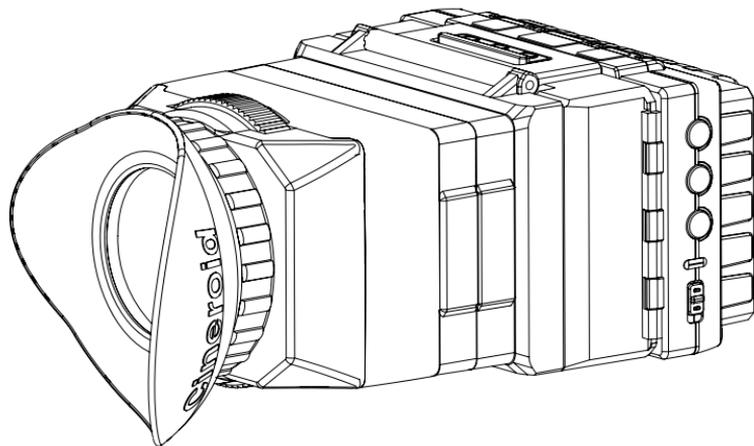


Cineroid

Cinema & Broadcasting Equipment

User's Manual



EVF4

ChE

CSe

ELECTRONIC VIEWFINDER

*Supports 1080p / Various Functions and Simple Operability /
Detachable Loupe with Adjustable Diopter / Various Power Options /
Firmware Upgradeable / Audio Level meter / Focus Peaking / Pixel to Pixel /
False Color / Anamorphic / Crop Guide / Monochrome(B/W)*

Thank you for purchasing the Cineroid EVF.

The Cineroid EVF (hereafter referred to as "EVF") is a view finder that can be mounted on any video camera with a HDMI output signal. Please thoroughly read the user manual for best operation and understanding of all of the functions of the EVF.

| Test Before Operating

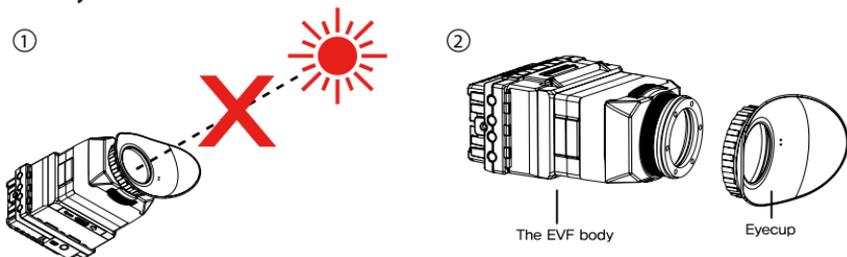
It is recommended to test the EVF before operating. Check if the EVF can be turned on once powered, and check if the information/menu is being properly displayed on the LCD.

| Copyrights and Prohibitions

The use of images of people, property, and places can without permission can be prohibited by law. Please refer to your region's laws regarding copyrights.

- Canon and EOS are registered trademarks of Canon.
 - Nikon is a registered trademark of Nikon.
 - Sony is a registered trademark of Sony.
-

| Safety Precautions



1. Do not face the eyecup directly into the sun as it may damage the LCD.
2. The shadow disk is installed on EVF at factory. This shadow disk can be removed by disassembling eyecup from loupe.

Safety Precautions

Please observe the following safety precautions as they are meant for the safe and proper use of the product to reduce the risk of accidents. Upon reading the user manual, keep it in a safe and available place.

- Ⓞ Do not use any batteries, power cord, or accessories that are not specified in this document.
- Ⓞ When using a power cord, be sure to plug it in completely. Do not handle power plugs when your hands are wet. When unplugging the power cord, grasp the plug body or adapter instead of the cord.
- Ⓞ Power cords that are scratched, heavily bent or twisted can potentially be hazardous and a source of electric shock and/or fire.
- Ⓞ Do not insert foreign objects into the product's electric or cable components.
- Ⓞ Do not place the power cord near sources of heat as this may melt or cause damage to the cord potentially causing fire or electric shock.
- Ⓞ Do not disassemble or modify the product. This may damage the product and cause danger due to a malfunction.
- Ⓞ Please keep the product out of reach of young children. Injuries may occur due to damage to the product.
- Ⓞ When using the product in an airplane or hospital setting, it is recommended to acquire authorization first as signals or electro-magnetic waves from the product may cause other equipment to malfunction.
- Ⓞ Do not store the product in a dusty or humid environment as damage may occur.
- Ⓞ When the product is mounted on a camera, do not lift or move the camera by grabbing the product. This may cause damage to the product or the camera mount.
- Ⓞ Do not clean the product with paint thinner, benzene, or other volatile solvents. This may cause damage to the product and become a fire hazard.
- Ⓞ This product is not waterproof. If the product is dropped in water, contact the service center immediately.

Table of Contents

Safety Precautions	03
Table of Contents	04
Configuration	06
Parts	07

Before Using the EVF

Openable Optical Loupe	08
Detachable Optical Loupe	08
Adjusting the Diopter	09
Extendable Loupe	09
Installing the Battery	10
Connecting External Power	10
Connecting Input / Output	11
Power On/Off	11

Basic Features

Operating the Menu	12
Adjusting Color	13
Adjusting the Screen	13
Volume Control	13

Shooting Features

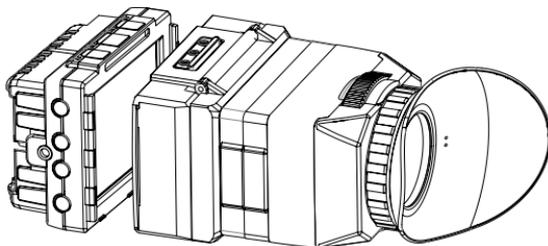
Peaking	14
Pixel to Pixel	15
Clip guide	15
False color	16
Monochrome	16
Screen ADJ	17
Freeze	17
Over Scaling	18
Underscan	18
Crop Guide	19
Center Marker	19
Anamorphic	20
Screen Flip	20

Setting User Controls

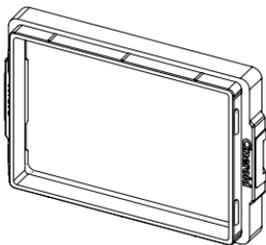
Custom Button Functions	21
Firmware Upgrade	21
Custom Display Settings	22
Parameter Save And Restore	22
Product Specifications	23
Optional Products	24
MEMO	27

Components

Please ensure all parts are present after opening the box.



A. LCD VF + Optical Loupe



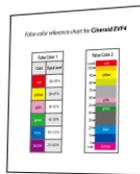
B. Extension tube



C. User's manual

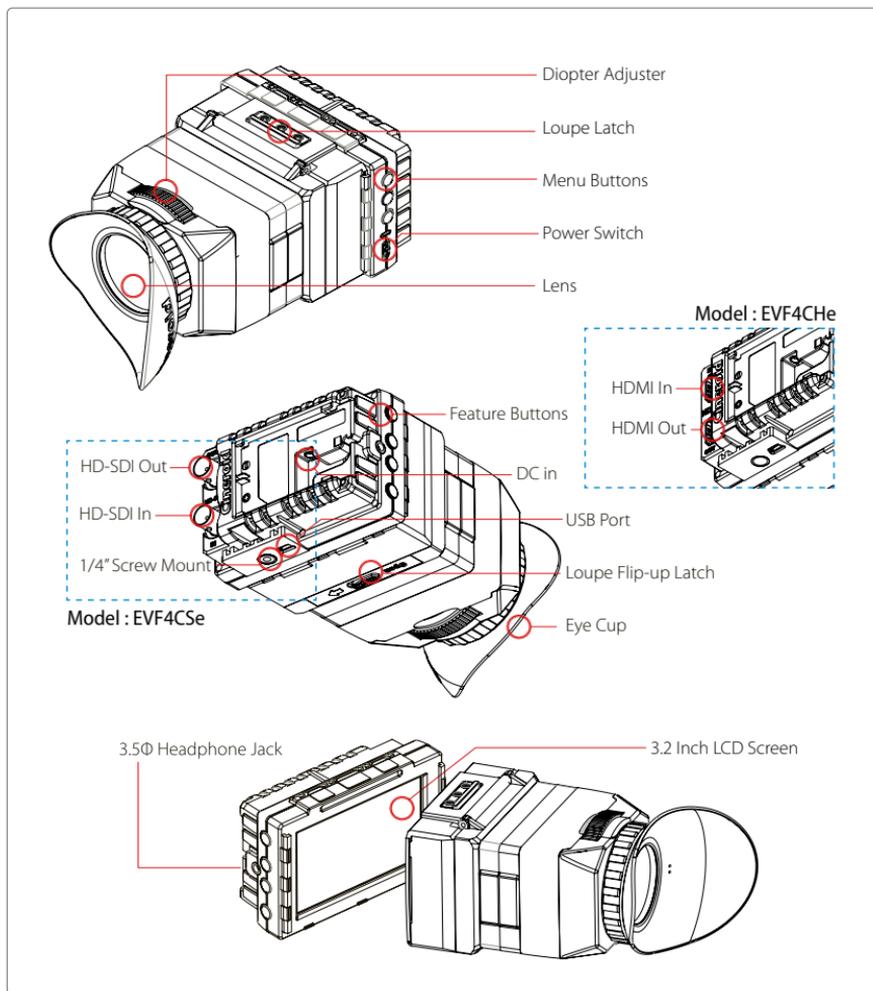


D. Mini Ball Head



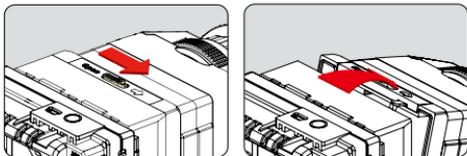
E. False Color Stickers

Parts

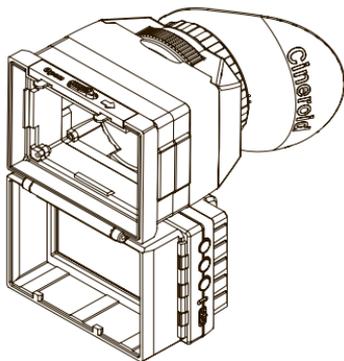


Before Using the EVF

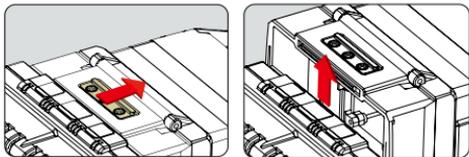
Openable Optical Loupe



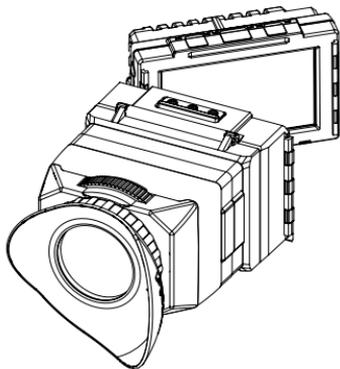
The optical loupe attached to the EVF body can be flipped open 180 degrees.



Detachable Optical Loupe

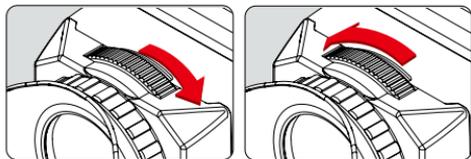


The optical loupe attached to the EVF body can be detached completely.

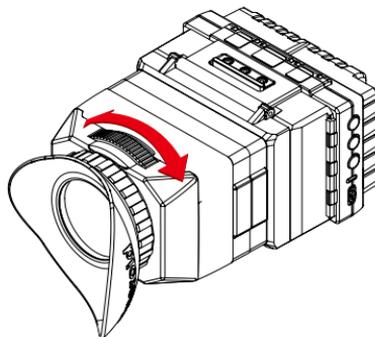


Before Using the EVF

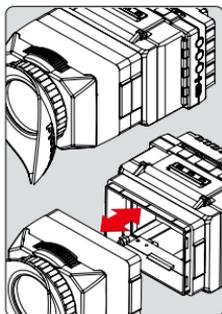
Adjusting the Diopter



When viewing through the optical loupe, the user can adjust the diopter accordingly. Rotate the dial in either direction until the image becomes clear.

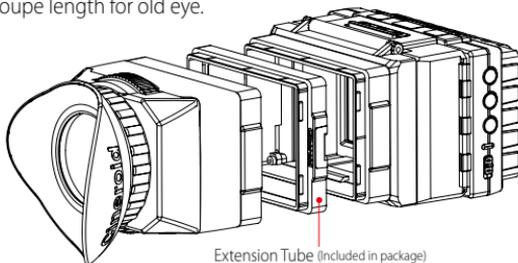


Extendable Loupe / Connecting Extension Tube



1 Touch Removeable

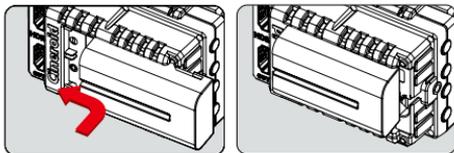
The optical loupe can be splitted.
And Extension tube is used to extend
loupe length for old eye.



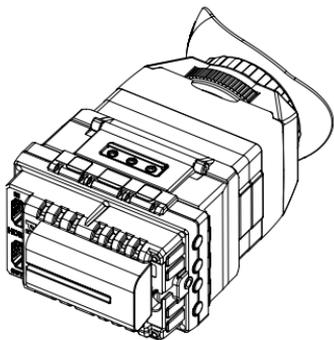
Extension Tube (included in package)

Before Using the EVF

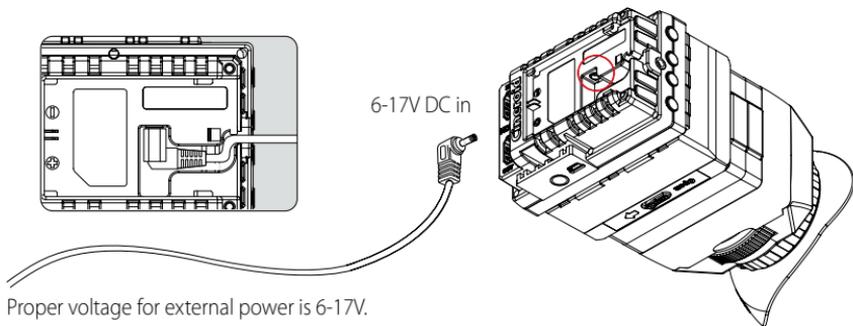
Installing the Battery



The Cineroid EVF uses Canon LP-E6 battery.
The battery or the connectors may be damaged if not aligned properly.



Connecting External Power

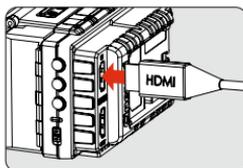
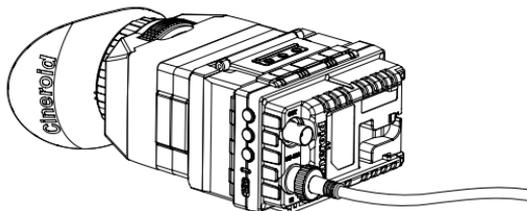


Proper voltage for external power is 6-17V.
When both external power and battery is connected, battery is not consumed.

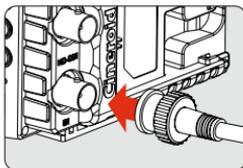
Before Using the EVF

Connecting Input / Output

First connect the signal to a camera or monitor, and then connect the other end into the signal in connection on the EVF4C. Check whether the image on the LCD is correctly displaying the image on the camera.



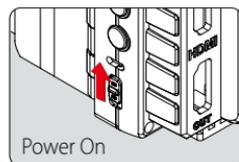
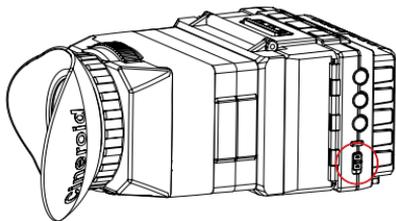
Model : EVF4CHe



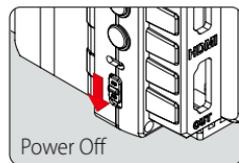
Model : EVF4CSe

Power On / Off

Install the battery or connect external power and Turn the power switch to the ON position. If you have an external input, you will see the image displayed from that signal. If there is no external input, you will see the default screen.



Power On

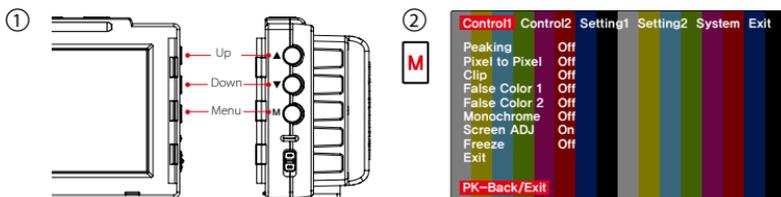


Power Off

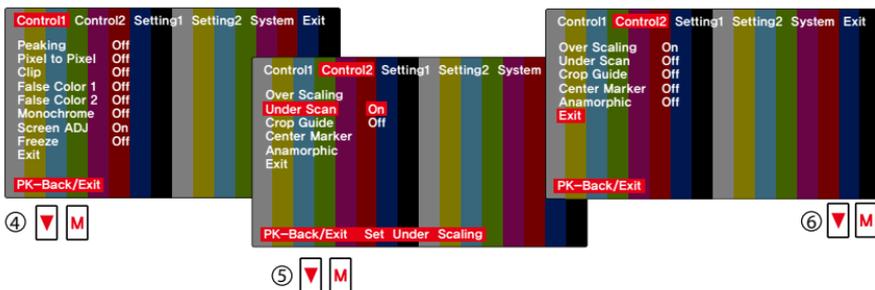
Basic Features

Operating the Menu

1. Access the setting and features by pressing the menu button on the right side of the EVF.
2. Press the M button to select the main menu. When not in the menu, you can adjust the speaker volume by pressing the up and down arrow keys.



3. Once the main menu is selected, press the up and down arrow keys to navigate through the menu. The cursor is highlighted in red.
4. Move the cursor to the feature you want to select/change and press the M button to access that feature.
5. Press the up and down arrow keys to change the value of the feature.
6. Move the cursor to Exit and press the M button to return to the previous menu.
7. To exit the main menu, move the cursor to Exit and press the M button.

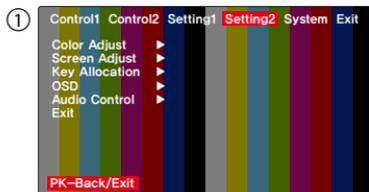


* **Tip** Press PK button to exit Menu at any position.

Basic Features

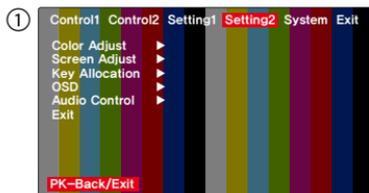
Adjusting Color

Menu : Setting2 - Color Adjust



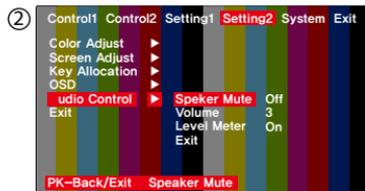
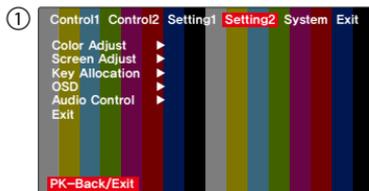
Adjusting the Screen

Menu : Setting2 - Color Adjust



Volume Control

Menu : Setting2 - Audio Control



Shooting Features

Peaking

On/Off : Menu - Control1 - Peaking

Setting : Menu - Setting1 - Peaking



Peaking On / Off



Peaking Setting



Peaking Red OFF



Peaking Red ON



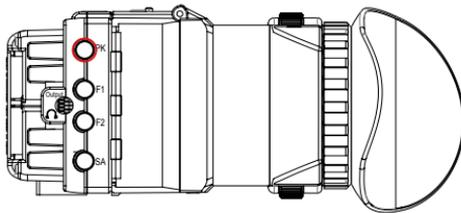
Peaking Sharpness OFF



Peaking Sharpness ON

* **Tip** Simple PK Button

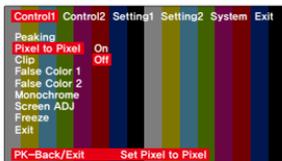
To activate the peaking feature, simply press the PK button on the left side of the EVF body. The peaking will show in the mode that is currently selected.



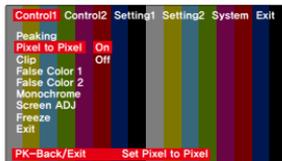
Shooting Features

Pixel to pixel

On/Off: Menu - Control1 - Pixel to Pixel



Pixel to Pixel Off



Pixel to Pixel On



Pixel to Pixel Off



Pixel to Pixel On

Clip Guide

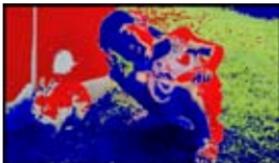
On/Off: Menu - Control1 - Clip Guide Setting: Menu - Setting1 - Clip Guide



Clip Guide Setting



Clip Guide Off



Clip Guide Color mode



Clip Guide Zebra mode

Shooting Features

False Color

On/Off: Menu - Control1 - False Color1 or False Color 2



False Color1 Off



False Color1 Off



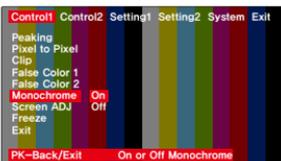
False Color1 On



False Color1 On

Monochrome (B/W, Blue, Red, Green)

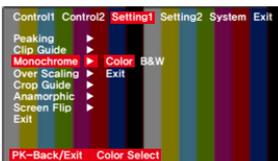
On/Off: Menu - Control1 - Monochrome Setting: Menu - Setting1 - Monochrome



Monochrome On / Off



Monochrome (B/W) Off



Monochrome Setting

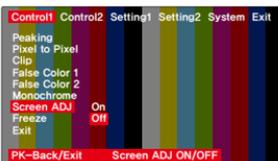


Monochrome (B/W) On

Shooting Features

Screen ADJ

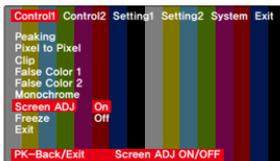
On/Off: Menu - Control1 - Screen ADJ



Screen ADJ Off



Screen ADJ Off (Original image)



Screen ADJ On



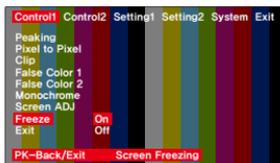
Screen ADJ On (The image applied adjusting)

Freeze

On/Off: Menu - Control1 - Freeze



Freeze Off



Freeze On



Shooting Features

Over Scaling

On/Off : Menu - Control2 - Over Scaling **Setting** : Menu - Setting1 - Over Scaling



Overscaling On / Off



Overscaling Off



Overscaling Setting



Overscaling On

Underscan

On/Off : Menu - Control2 - Underscan



Underscan Off



Underscan Off



Underscan On



Underscan On

Shooting Features

Crop guide

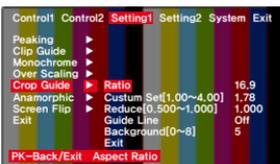
On/Off : Menu - Control2 - Crop Guide Setting : Menu - Setting1 - Crop Guide



Crop guide On / Off



Crop guide Off



Crop guide Setting



Crop guide On

Center Marker

On/Off : Menu - Control2 - Center Marker



Center Marker Off



Center Marker Off



Center Marker On



Center Marker On

Shooting Features

Anamorphic

On/Off : Menu - Control2 - Anamorphic Setting : Menu - Setting1 - Anamorphic



Anamorphic On / Off



Anamorphic Off



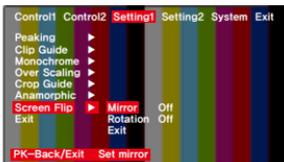
Anamorphic Setting



Anamorphic On

Screen Flip

On/Off : Menu - Setting1 - Screen Flip



Screen Flip On / Off



Screen Flip Off



Mirror On



Rotate On



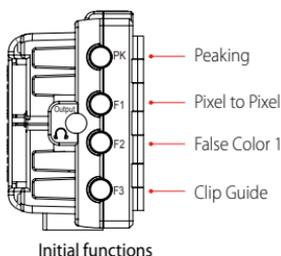
Rotate On / Mirror On

Setting User Controls

Custom Button Functions

Setting : Menu - Setting2 - Key Allocation

The left side of the EVF body contains the buttons PK, F1, F2, F3. The factory default for these buttons are peaking (PK), Pixel to Pixel (F1), False Color 1 (F2), and Clip Guide (F3). Each button can be customized to a particular feature by selecting CUSTOM SETUP on the main menu.



Firmware Upgrade

Setting : Menu - System - Firmware

1. Firmware is upgradable by special cable.
2. Connect EVF and computer by cable.
3. Select On of Firmware Upgrade. The screen is changed to waiting message.
4. EVF starts firmware upgrade.



Setting User Controls

Custom Display Settings

Setting : Menu - Setting1 - Anamorphic

You can select to view the current state of the battery usage, volume, etc. on the LCD.



OSD



Pixel to Pixel ON



Peaking ON

Parameter save and restore

Setting : Menu - System - Parameter Save/Restore

The all parameters of function can be stored on bank0 or bank1.

The parameters can be restored from bank0 or bank1.

Factory is the initial parameter of factory.



Parameter Save



Parameter Restore

Factory reset

1. Powering on the EVF while pressing down the PK button will reset the EVF to its original default settings.
2. Once the reset is complete, fully power off the EVF before powering on for further use.

Product Specifications

EVF4C Common Specifications		
LCD	Size	3.2 inch TFT LCD
	Resolution	800 x 480
	Color	16.7 M
	Viewing angle	H: 140 degrees, V: 140 degrees
	Display area	69.6 x 41.76 mm
Audio	Audio level meter	3.5Ø Analog stereo
	Internal speaker	Mono output
Power	Battery	Canon LP-E6 type
	External	DC 6 ~17V
Operating Temp.	-10°C to 70°C	
Storage Temp.	-20°C to 70°C	
Power Consumption	3.5 W (3 hours with LP-E6 battery)	
Weight	240 g	
Size	175 x 90 x 57 mm	

Model	Compatible Signals (input/output)	
EVF4CHe (HDMI)	480	480@59.94p, 480@59.94i
	576	576@50p, 576@50i
	720	720@50p, 720@59.94p, 720@60p
	1080	1080@23.98p, 1080@24p, 1080@25p, 1080@29.97PsF, 1080@29.97p, 1080@30PsF, 1080@30p, 1080@50i, 1080@50p, 1080@59.94i, 1080@59.94p, 1080@60p, 1080@60i
EVF4CSe (HD-SDI)	480	480@59.94i
	576	576@50i
	720	720@50p, 720@59.94p
	1080	1080@23.98p, 1080@24PsF, 1080@24p, 1080@25PsF, 1080@25p, 1080@29.97PsF, 1080@29.97p, 1080@30PsF, 1080@30p, 1080@50i, 1080@50p, 1080@59.94i, 1080@59.94p, 1080@60i, 1080@60p

Optional Products

○ External Power Adapter

Model	Form	
FCB043		DC plug with D-tap
FCB044		DC plug only

○ Articulating Arm

Model	Form	Length	Material
CA20		20cm (6 inch)	Metal
CA30		30cm (10 inch)	Metal

○ Mini Ball Head

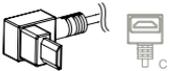
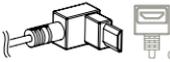
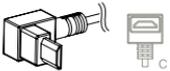
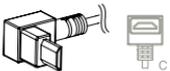
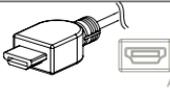
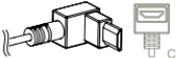
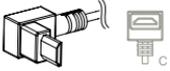
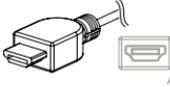
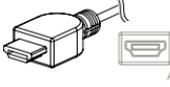
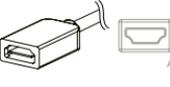
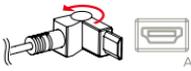
Model	Form	Weight	Material
MBH-M		80 g	Metal

○ Soft Eyecup Cover

Model	Form	
ECO : Orange color		Cineroid EVF4 / LCD loupe
ECR : Red color		
ECB : Blue color		

Optional Products

○ HDMI Cable

Model	Length	Plug form	
HCRF07CRB	70 cm		
HCRB07CRB	70 cm		
HCRF07CRF	70 cm		
HASN07CRF	70 cm		
HASN07CRB	70 cm		
HASN12CRF	120 cm		
HASN12CRB	120 cm		
HASR01CRB	120 cm		
HATN05ATN	50 cm		

Optional Products

○ BNC Cable

Model	Length	Weight	Plug form
SBSN05BSN	50 cm	24 g	
SBSN07BSN	70 cm	28 g	
SBSN10BSN	70 cm	32 g	
SBSN15BSN	70 cm	40 g	
SBSN20BSN	70 cm	48 g	

MEMO

Cineroid

Cinema & Broadcasting Equipment

EVF4 


ELECTRONIC VIEWFINDER

We will strive to create the best products and
provide superb service.

Customer Support Center

Seculine Co., LTD.

Tel +82.70.4347.4901 / **Fax** +82.2.850.3027

Room.510, 55 (Kolon Science Vally #2), Digital-ro 34-gil, Guro-gu, Seoul, KOREA 152-728

Homepage www.cineroid.com

E-mail support@secu-line.com

EVF4C150423

Printed in Korea