

elvid

FIELDVISION  
**OCM-7B-D**  
7" ON-CAMERA MONITOR

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**USER  
MANUAL**





## INTRODUCTION

Thank you for choosing Elvid.

The Elvid OCM-7B-D FieldVision is an on-camera monitor with HDMI and composite audio and video inputs, as well as composite video loop-through. The 7" LED panel's native resolution is 1024 × 600, with an aspect ratio of 16:9 (native) that you can set to 4:3. The onscreen menu makes it easy to fine-tune your image, offering adjustments for brightness, contrast, hue, and saturation. There are also broadcast-specific features like safety frame markers and multiple display formats.

The FieldVision is equipped with advanced tools like Check Field to help calibrate the monitor, a Focus setting to fine-tune your focus, and Camera mode to scale the incoming video signal when shooting on a DSLR. Onboard buttons provide quick shortcuts to Camera, Focus, and Check Field modes, the safety frame and center markers, and the onscreen volume bar. There's also an integrated speaker and a 3.5 mm stereo headphone output for live audio monitoring.

## PRECAUTIONS

- Exposure to high sound levels can cause permanent hearing loss. Avoid listening at high volumes for extended periods of time.
- Keep this product away from water and any flammable gases or liquids.
- Do not expose this product to humidity or extreme heat or cold.
- Make sure this product is powered off when plugging it into a power source.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair this product.
- Do not place or store the FieldVision facedown, since this can damage the screen.
- Handle this product with care. Avoid any unnecessary impacts to this product.
- Do not block the vents in this product.
- Disconnect this product from its power source before storage and during electrical storms.
- Do not use chemical solutions to clean this product. Clean it with only a soft, dry cloth.
- Keep this product away from children.
- Make sure that this product is intact and that there are no missing parts.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All photos are for illustrative purposes only.

## TABLE OF CONTENTS

Product Contents .....	6
Overview .....	7-8
Powering On and Off .....	9-10
Using the OCM-7B-D .....	11-12
The Sunshade.....	13
The Menu .....	14
Color Menu .....	15
OSD Menu .....	16
Function Menu.....	17
Sound Menu.....	18
Using the Buttons.....	19
Specifications .....	20-21
Troubleshooting.....	22-24
Notes.....	25
FCC Statement .....	26
Warranty .....	27

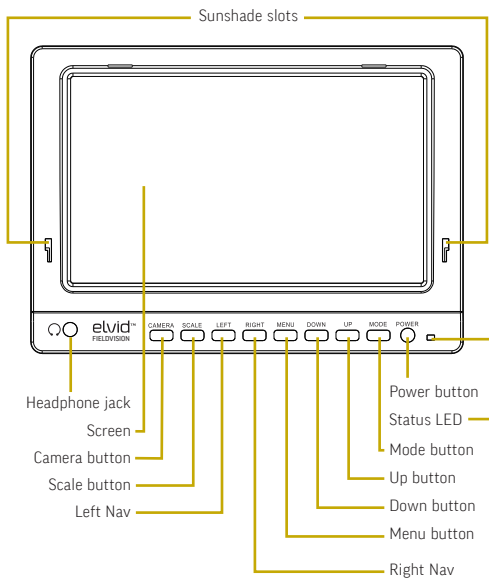
## PRODUCT CONTENTS

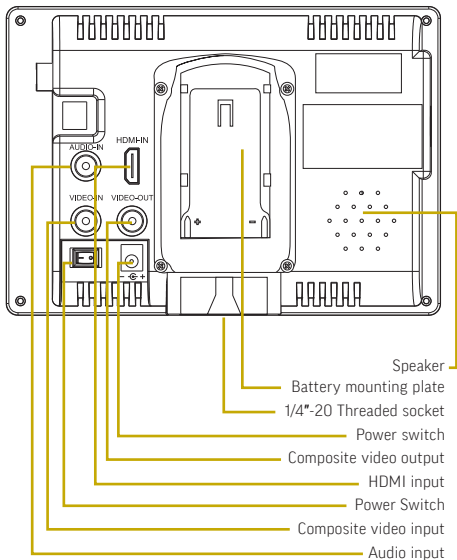
- 7" On-Camera Monitor
- Shoe-mount ball head
- Sunshade
- 12 V DC adapter
- Mini HDMI to HDMI cable
- User manual



NOTE: Additional battery plates and/or battery adapters compatible with other popular brands can be purchased by visiting [www.elvidcinema.com](http://www.elvidcinema.com)

## OVERVIEW







## POWERING ON & OFF

There are two ways to power the FieldVision: AC or a Canon LP-E6 battery.

### AC POWER

To run the FieldVision via AC power, use the included 12 V DC adapter to connect the FieldVision's DC power input to your AC power source.

To turn on the FieldVision, press the power switch to the On position. The FieldVision will turn on and enter standby mode, and the power indicator LED will glow red. Press the Power button to enter ready mode. The power indicator LED will turn green and then glow red.

### CAMERA BATTERY

The FieldVision's built-in battery plate accommodates a Canon LP-E6 battery. This allows you to power the monitor with a readily-available battery type that you may already own. For more information on compatible battery types, refer to Specifications on page XX.

To install a compatible battery, follow these steps:

1. Place a compatible battery in the battery plate. Make sure the battery's bottom contacts are aligned with the contacts in the battery plate.
2. Slide the battery forward until it locks into place.

To turn on the FieldVision, press the power switch to the On position. The FieldVision will turn on and enter standby mode, and the power indicator LED will glow red. Press the Power button to enter ready mode. The power indicator LED will turn green and then glow red.



## USING THE OCM-7B-D

### MOUNTING THE FIELDVISION

Use the FieldVision's 1/4"-20 threaded socket to attach the monitor to your mounting system. Make sure your bracket can support the monitor.

### CONNECTING THE VIDEO SOURCE

**HDMI Input:** The FieldVision is equipped with an HDMI input for use as a wired high-definition video monitor. Use the a compatible HDMI cable to connect your HDMI video source to the FieldVision's HDMI input, and then press the Mode button to cycle through the input modes until "HDMI" appears on the monitor. If your HDMI video source is sending a signal to the monitor, the image will appear onscreen, and the power indicator LED will glow green.

**Composite Video Input:** The FieldVision also has a composite video input for use as a wired standard-definition video monitor. Use a compatible cable to connect your composite video source to the FieldVision's composite video and audio inputs, and then press the Mode button to cycle through the input modes until "video" appears on the monitor. If your composite video source is sending a signal to the monitor, the image will appear onscreen, and the power indicator LED will glow green.

**Note:** Your audio source must be plugged into the FieldVision's composite audio input in order to monitor the sound.

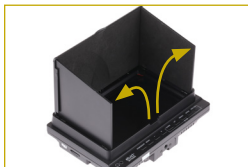
**Loop Through:** The FieldVision offers composite video loop-through, also known as pass-through. To loop the video signal through the monitor, make sure the FieldVision is receiving a video signal from your composite video source, and then connect a compatible cable to the output connection on the monitor.

## THE SUNSHADE

The sunshade prevents glare on the monitor's screen by blocking out stray light, and is useful when shooting outdoors.

1. Insert the sunshade's pegs into the monitor's sunshade slots.
2. Slide the sunshade down until it locks into place.

To deploy the sunshade, fully open its lid and wings.



## THE MENU

Before using the FieldVision, make sure the monitor's settings are properly configured. All of the setting configurations are located in the main menu, which has four submenus: Color, Onscreen Display (OSD), Function, and Sound. The submenus are located in the left column of the main menu window.

**Note:** The menu is accessible only when the FieldVision is receiving a video signal.

### NAVIGATING THE MENU

**Menu Button:** Press the Menu button to access the menu, return to the previous menu or screen without making a selection, or close out the menu.

**Up and Down Buttons:** When the menu is open, use the Up and Down buttons to navigate the menu or adjust the value of a vertical submenu item .

**Left and Right Buttons:** When the menu is open, use the Left and Right buttons to enter a submenu, adjust the value of a horizontal submenu item , or make a selection in a vertical submenu.

## COLOR MENU

In the Color menu, you can adjust brightness, contrast, hue, and saturation of the monitor from 0 (least) to 100 (brightest).

**Check Field:** In Check Field mode, only the selected color will appear onscreen. You can select red, green, blue, or mono. In mono, a grayscale image will appear onscreen. Check Field mode is useful for calibrating the monitor.

**Color Temp:** When using the FieldVision as a wired HDMI monitor, You you can select from the presets 9300, 7500, and 6500 K. You can also configure your own custom setting, which is labeled User in the Color Temp menu. Customizing the color temperature is recommended only for advanced users.

## OSD MENU

**Language:** You can set the onscreen language to English (default), Simplified Chinese, French, Italian, German, Spanish, Japanese, Korean, Russian, and Portuguese.

**H Position:** Adjust the horizontal position of the onscreen menu.

**V Position:** Adjust the vertical position of the onscreen menu.

**OSD Timeout:** Use this setting to set the length of time the onscreen menu is displayed. You can choose from 5 to 60 seconds, in 5-second intervals, or you can disable the feature so the menu remains onscreen until you manually close it out. The default setting is 10 seconds.

**Transparent:** Set the menu's level of opacity. You can adjust this setting from 1 to 7, with 7 being the most transparent. The default setting is off, which makes the menu opaque.



## FUNCTION MENU

**Reset:** Restore the FieldVision's menu to the factory default settings.

**System:** Select the transmission display format. You can choose NTSC M (default), PAL M, NTSC BG, PAL N, NTSC DK, PAL DK, PAL I, or SECAM BG.

**Display Ratio:** You can set the aspect ratio for the onscreen image. The options are 16:9 and 4:3. The default setting is 16:9, which is the FieldVision's native aspect ratio. The 4:3 setting will scale the image to fit that aspect ratio.

**Screen Markers:** You can set the FieldVision to display an onscreen box as a safety frame marker at a set percentage of the screen size. You can set this to 80%, 85%, 90%, 93%, 96%, or off. The screen marker will not display at the same time as the menu.

**Centre Markers:** This setting displays a marker in the center of the screen. The center marker will not display at the same time as the menu.

**Camera:** Camera mode scales the incoming video signal to fill the screen. This is useful when shooting on a DSLR. You can turn this mode on or off.

## SOUND MENU

**Volume:** Adjust the monitoring volume of the FieldVision from 0 to 100.

**Focus:** Use this setting to check the areas of the image that are in focus. Activating this setting increases the sharpness and contrast of the monitor and displays in-focus areas of the image with sharpening artifacts.

## USING THE BUTTONS

For greater efficiency while using the FieldVision, you can use the buttons on the front of the monitor as shortcuts to various functions instead of cycling through the onscreen menus.

**Camera Button:** Press this button to enable or disable Camera mode.

**Scale Button:** The Scale button displays and adjusts the size of the onscreen safety frame markers. Press the button repeatedly to cycle through the options (80%, 85%, 90%, 93%, 96%, and off).

**Left Button:** When the menu is closed out, press the Left button to display the center marker.

**Right Button:** When the menu is closed out, press the Right button to display the onscreen volume bar. When the volume bar is onscreen, use the Left and Right buttons to adjust the monitoring volume from 0 to 100. To exit the volume bar, press the Menu button.

**Down Button:** When the menu is closed out, press the Down button to enter Focus mode.

**Up Button:** When the menu is closed out, press the Up button repeatedly to cycle through the Check Field modes (red, green, blue, and mono).

MONITOR	
Panel Size	7"
Panel Type	TFT
Backlight	LED
Resolution	1024 × 600
Brightness	250 cd/m <sup>2</sup>
Contrast ratio	700:1
Viewing angle	L/R: 75°/75° U/D: 70°/75°
Dot pitch (W × H)	0.05 × 0.15
Display ratio	16:9
Input	RF, HDMI, composite video, mono audio
Output	Composite video, headphone (3.5 mm stereo), mono speaker

MONITOR	(CONTINUED)
Supported formats (50/60 Hz)	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Threaded socket	1/4"-20
Input voltage	6 to 24 V DC
Power consumption	≤6 W
Battery type	Canon LP-E6
Dimensions (L × W × H)	7.4" × 5.3" × 2.0" (18.9 × 13.4 × 5 cm)
Weight	1 lb. (0.5 kg)

PROBLEM	SOLUTION
<p>The FieldVision will not turn on.</p>	<ul style="list-style-type: none"> <li>• If you are powering the FieldVision with a battery, make sure the battery is fully charged and properly seated in the battery plate.</li> <li>• Make sure that the 12 V DC adapter is fully plugged in, and that your AC power source is reliable. Try switching AC power sources.</li> <li>• Make sure the FieldVision is not in standby mode. See Powering the FieldVision on page XX for further reference.</li> </ul>
<p>The FieldVision is turned on but there is no onscreen image or the image is weak.</p>	<ul style="list-style-type: none"> <li>• Make sure the HDMI or composite video cable is securely plugged into the proper input connection on the FieldVision, and that the input mode is set correctly. Try pressing the Mode button to set the input mode.</li> <li>• Make sure the monitor is set to the proper input mode.</li> <li>• If you are powering the FieldVision with a battery, make sure the battery is fully charged and properly seated in the battery plate.</li> </ul>

PROBLEM	SOLUTION
(continued)	<ul style="list-style-type: none"> <li>• If you are powering the FieldVision via AC power, use only the supplied 12 V DC adapter.</li> <li>• Check your cables to make sure they are reliable.</li> </ul>
The screen displays only a black and white image.	<ul style="list-style-type: none"> <li>• Check the brightness, contrast, hue, and saturation settings, and adjust as necessary.</li> <li>• Make sure Check Field mode is turned off.</li> </ul>
The onscreen image size is incorrect.	<ul style="list-style-type: none"> <li>• Make sure that Camera mode is disabled.</li> <li>• Check whether the aspect ratio is set correctly.</li> <li>• Make sure that the correct input signal is selected.</li> <li>• Check your cables to make sure they are properly connected and that they are reliable.</li> </ul>

PROBLEM	SOLUTION
The FieldVision is emitting a high-pitched whine (feedback).	<ul style="list-style-type: none"> <li>• Turn the monitor's volume all the way down or plug headphones into the headphone jack.</li> </ul>
There is no sound.	<ul style="list-style-type: none"> <li>• Increase the monitoring volume.</li> <li>• If you are using the FieldVision as a wired standard-definition video monitor, make sure your composite audio cable is fully plugged into the composite audio input.</li> </ul>
The images are not synchronized.	NTSC and PAL settings may not be correctly set. Make sure the monitor's display format matches that of the input. Refer to System under Function Menu on page XX for further reference.





## FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.



# ONE-YEAR LIMITED WARRANTY

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This Elvid product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Elvid Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Elvid along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit [www.elvidcinema.com](http://www.elvidcinema.com) or call Customer Service at 212-594-2353.

Product warranty is provided by the Gradus Group. [www.gradusgroup.com](http://www.gradusgroup.com)

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