



SKYVISION

WCM-55-HD

5.5" 4K Wireless HD Monitor

**USER
MANUAL**



THANK YOU FOR CHOOSING ELVID.

The Elvid SkyVision 5.5-inch monitor adds the functions of a wireless transmitter, receiver, and recorder, to your setup. And they're all built into a compact, camera mountable unit with a full HD resolution screen. The wide range of functionality allows you to use it as a wired on-camera monitor, or as a wireless monitor for directors. To follow the camera action in real time, a smartphone or tablet can be paired with the transmitting monitor from up to 500 feet away.

Whether in transmitter or receiver mode, the SkyVision monitor can record image and sound onto an installed microSD card and quickly access it for playback. User-friendly onscreen menus make numerous scopes, markers, focusing, and exposure tools easy to access. And three programmable function buttons put your most frequently used monitoring and broadcast tools at your fingertips. To ensure a crisp and dynamic image with vibrant colors, the monitor comes with eight preloaded 3D LUTs. User-supplied LUTs can be accessed via a microSD card.



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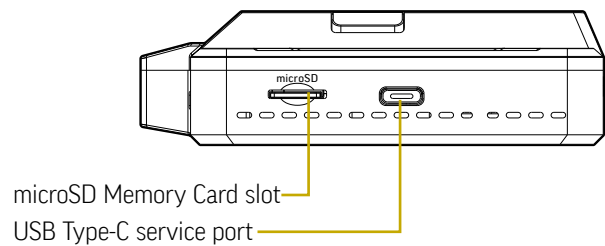
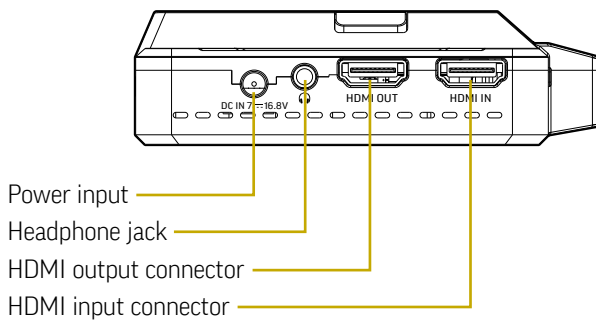
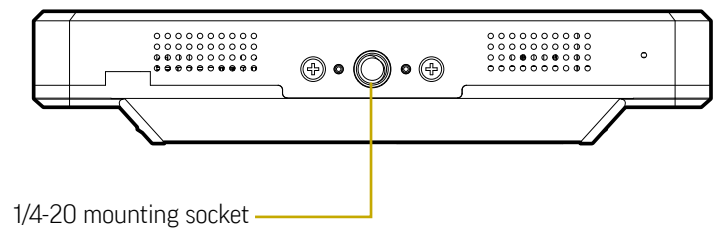
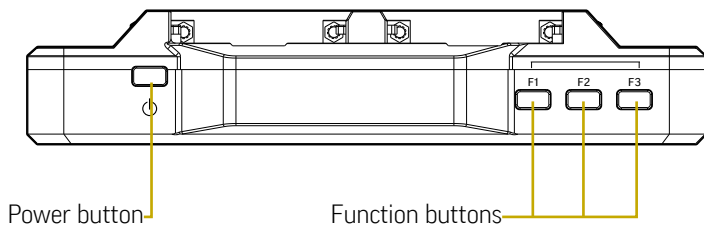
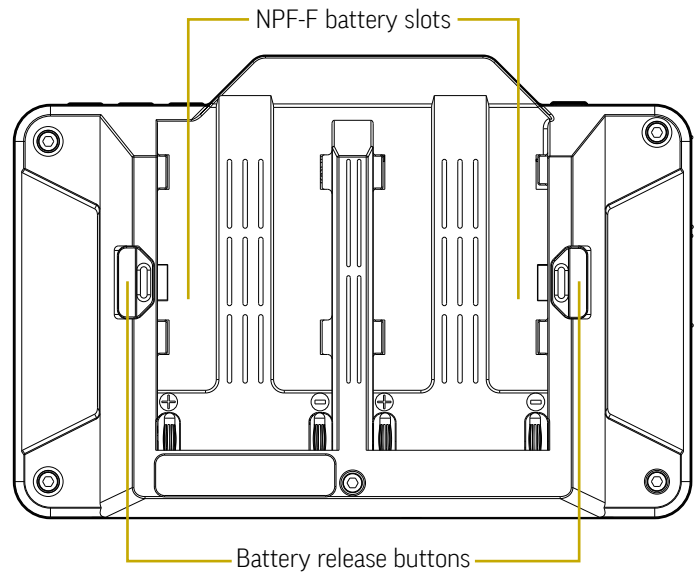
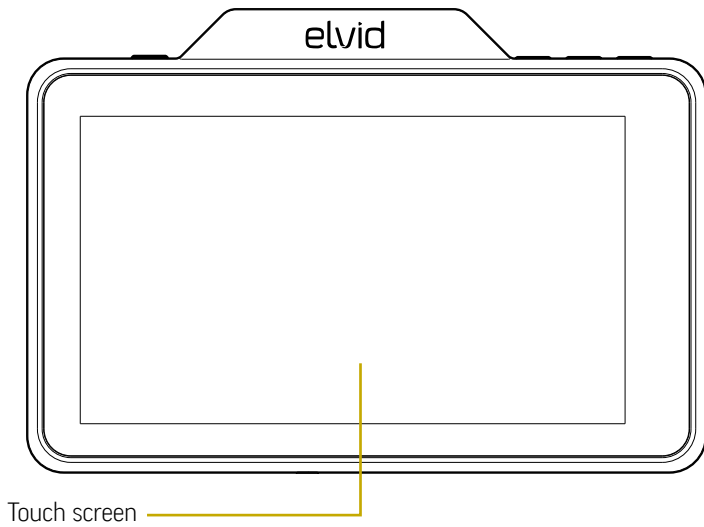
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PRECAUTIONS

- 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 monitor facedown, since this can damage the screen.
- Handle this product with care. Avoid any 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 images are for illustrative purposes only.

OVERVIEW



CONTENTS INCLUDE

- MicroSD card (installed)
- Quickstart Guide

MOUNTING THE MONITOR

The SkyVision monitor has a 1/4-20 socket for mounting onto a ball head, accessory arm, or tripod.

Screw the monitor onto a 1/4-20 stud. Make sure the monitor is secure by tightening the ball head or accessory arm locking knobs before you release it.

POWERING THE MONITOR

Battery Power

Place one or two NP-F batteries into the battery slots. Make sure the battery's terminals align with the battery slot's contacts.

The SkyVision monitor will run on a single NP-F battery. This means you can have continuous power by recharging one battery in a charger while the other powers the monitor.

To remove a battery, press the battery release button and slide it out of the slot.

External Power Sources

The SkyVision monitor will run on AC power from a wall outlet, using the Watson Pro PS-12V2A-21 power supply (not included), or from a D-Tap power source with the Watson Pro CA-DTAP-21M 2.1 mm D-Tap to 2.1 mm barrel cable (not included).

TURNING THE MONITOR ON AND OFF

Press the power button to activate the monitor.

Press and hold the power button for 3 seconds to turn off the monitor.

CONNECTING TO A CAMERA OR OUTPUT SOURCE

HDMI

Connect the monitor's HDMI input to a camera or other source with an HDMI output.

OUTPUTTING THE SIGNAL

HDMI

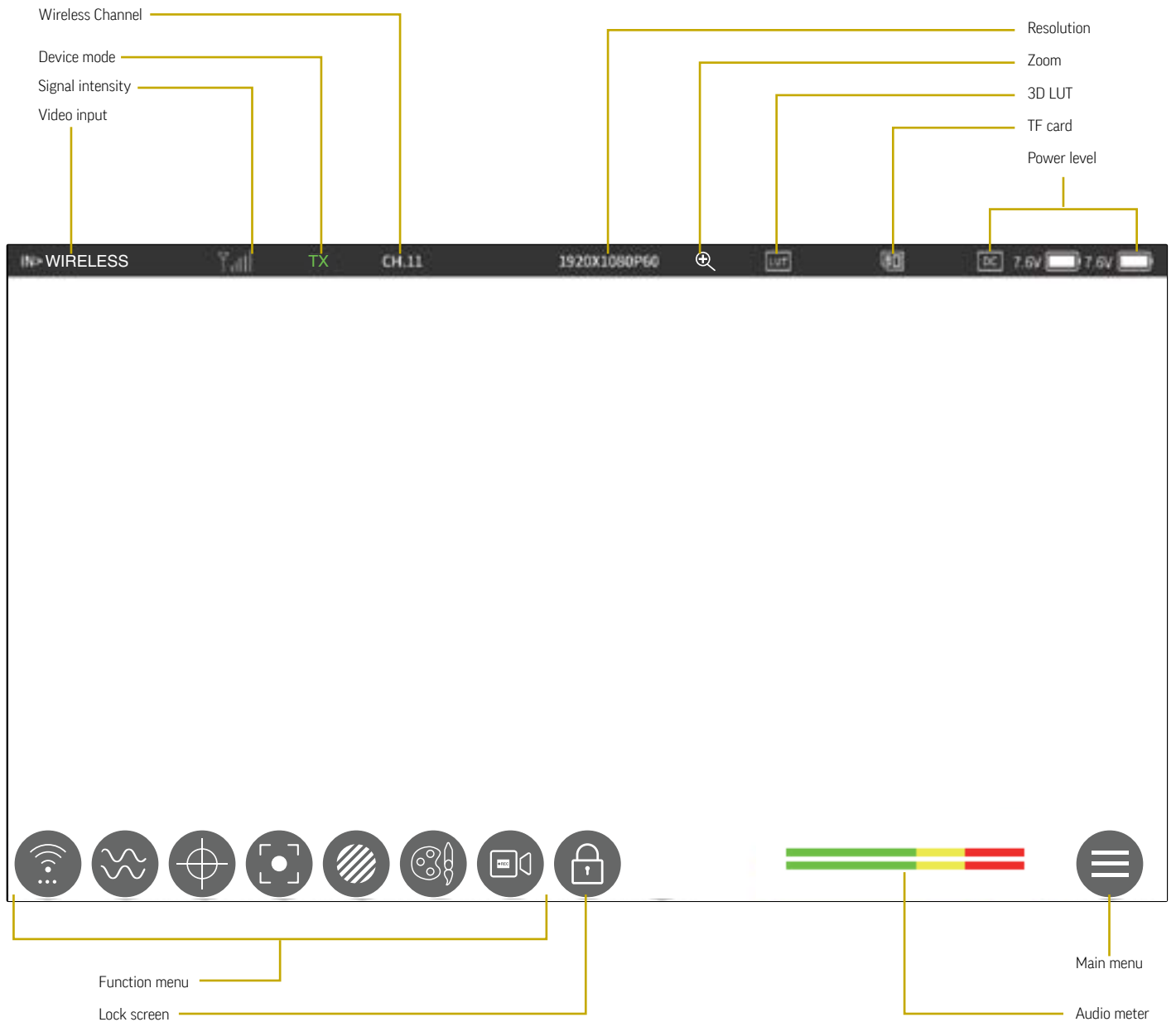
Use the HDMI output to send the signal to a monitor or recorder.

Note: The HDMI output connector is a loop-through output. Active image controls and scopes will not be transmitted downstream.

Wireless

The SkyVision monitor can wirelessly transmit an incoming signal to another SkyVision monitor and one mobile device. See *Main Menu – Wireless* and *Input* for descriptions of the available functions.

USER INTERFACE



STATUS ICONS

The current status of the monitor is displayed at the top of the screen.

ACCESSING THE MENUS

To get the most out of the monitor, make sure its settings are properly configured. All the setting configurations are in the menus along the bottom of the screen: Input Source, Scopes, Markers, Focusing Tools, Exposure Tools, Image Adjust, Recording/Playback, and the Main menu.

MENU NAVIGATION

To open one of the menus, tap on its icon at the bottom of the screen. The active menu's icon will be highlighted.

A ">" icon indicates a submenu. Tap on the menu item to access the submenu. Tap the (⏮) icon to return to the previous menu.

CLOSING AND HIDING THE MENUS AND STATUS ICONS

To close an open menu, tap on its highlighted icon at the bottom of the screen.

To hide the status icons at the top of the screen, and the menu icons at the bottom of the screen, tap on an empty part of the screen. Tap on the screen again to make the icons reappear.

Lock Screen

Tap the Lock Screen icon () to disable the touch screen. Use the lock screen feature to ensure monitor settings aren't accidentally changed.

FUNCTION BUTTONS

There are three user-definable function buttons (F1, F2, and F3) on the top of the monitor.

By default, no functions are assigned to the function buttons.

To set the function button assignments, follow these steps:

1. Press and hold the function button until the function select menu appears.
2. Tap on the desired function.
3. Press the () icon to return to the function menu, or tap on a blank area of the screen to close the menu.

Menu options for the function buttons are:

- Histogram
- Waveform
- RGB Parade
- Vector
- Marker
- Safe area
- Anamorphic
- Center Marker
- Peaking
- Zoom
- Zebra
- False color
- Monochrome
- LUT
- HDR
- Recording
- Play
- Close

RESETTING THE WCM-55-HD

To erase all settings and return to the factory presets, follow these steps:

1. Open the Main Menu.
2. Select System.
3. In the System menu, select Factory Reset to open the reset menu, and press the Yes prompt on the next page.
4. To exit the system menus and resume operation, touch the Main Menu button.

Note: The SkyVision monitor does not need to be rebooted after a factory reset.



DISPLAY

Brightness

Adjusts the monitor's brightness value from 0%-100%. The default setting is 50%.

Contrast

Adjusts the contrast value of the on-screen image from 0%-100%. The default setting is 50%.

Saturation

Adjusts the color saturation of the onscreen image from 0% to 100%. The default setting is 50%.

Sharpness

Adjusts the value of fine detail of the picture from 0%-100% in increments of 10. The default setting is 0%.

RGB Adjustment

Manually adjust RGB gain and RGB Offset of the onscreen image with the touch-screen sliders.

Touch the reset button to return to the factory preset values.

SETTING

Scan

Select Underscan if the onscreen image exceeds the area of the monitor. Selecting Underscan will display a blank area around the active image. Activate this mode to clearly see the edges of the active video area.

Backlight

Adjusts the intensity of the backlight by touching the ◀ and ▶ onscreen buttons. Adjust from 0% to 100% in 1% increments. The default setting is 50%.

Volume

Adjusts the headphone volume. Use the onscreen slider to adjust the volume from 0% to 100%. The default setting is 50%.

SD Card Format

Formats microSD cards for recording and playback functions. Touch the > arrow to go to the formatting page and follow the prompts to format a microSD card.

FUNCTION

Selects the function for the F1, F2, and F3 buttons. Functions buttons provide shortcuts to the most frequently used functions. Once a function is selected for a button, pressing the function button toggles the function on and off. Touch each function button menu to open the selection menu. Select the function for each button. The default selection for all buttons is "Close" (no function selected.)

Options for the function buttons are Histogram, Waveform, RGB Parade, Vector, Marker, Safe Area, Anamorphic, Center Marker, Peaking, Zoom, Zebra, False Color, Monochrome, LUT, HDR, Recording, Play, and Close.

SYSTEM

Language

Select English or Chinese for the onscreen language.

Version Information

Displays hardware and software version information.

Software Update

Firmware updates will be available at elvidcinema.com.

Check occasionally to make sure you have the latest firmware version. Elvidcinema.com will provide instructions for downloading and installation.

Factory Reset

Press the Yes prompt. All current menu settings will be erased and replaced with the original factory presets.

Note: Factory presets can be restored without powering down the SkyVision monitor.

About Us

Displays manufacturer information, product number, and QR codes to access the online manual and Elvid web site.

Wireless Mode

Select between Transmitter (TX) and Receiver (RX) modes.

Important! Switching between TX and RX modes requires a complete reboot of the SkyVision monitor. The monitor will power down after the operating mode is changed. Press the power button, and the monitor will restart in the new operating mode.

See *Wireless* under *Input Source Menu* below.

INPUT SOURCE MENU



INPUT

Select the input source that will be displayed onscreen.

HDMI is the only source option in Transmitter mode.

HDMI and Wireless are the source options in Receiver mode.

WIRELESS

In Receiver (RX) Mode, the SkyVision monitor can connect only to a SkyVision monitor operating in Transmitter (TX) mode.

1 RX MODE: Touch the device SSID number to connect directly to the transmitting SkyVision monitor. The receiver monitor operates in true diversity mode, instantaneously switching between the channels that receive the strongest signal.

2 RX MODE: Lets you add a mobile device as a receiver to your setup. Selecting RX1 or RX2 will determine which channel the Skyview will receive, and which channel will be free for the mobile device.

Receiving the Signal on a Mobile Device

1. Go to www.elvidcinema.com/goto/overview/WCM-55-HD, or use the QR code below to download the app.



2. Open the app and press the Connect to Device button.
3. On the next page, you can scan the QR code that's displayed on the menu screen, or manually enter the SSID and password displayed onscreen.

In your mobile device's settings, make sure Wi-Fi is tuned on, and the SkyVision is the connected network.

In TX mode, the SkyVision transmits the incoming signal on both RX channels, and you can pair a SkyVision monitor in RX mode, and a mobile device like a smartphone or tablet to view the video.

The SkyVision is preset to HDMI input signal and TX mode.

TX

Sets the TX and RX channel from 0 to 12.

The default setting is channel 0.



WAVEFORM

Places a waveform graph onscreen that allows you to see the luminance of your image.

RGB PARADE

Places an RGB Parade graph onscreen that displays the luminance value of each color.

HISTOGRAM

Places a histogram meter onscreen to indicate the overall level of exposure from light to dark. The onscreen meter shows the percentage of the image at a particular exposure level.

VECTOR

Places a vector scope onscreen that measures the color information in a video image.

OPACITY

Sets the level of meter opacity from 0% to 100%. The default value is 50%.



MARKER

Touch the marker slider to place an aspect marker overlay onscreen.

Choose 16:9, 15:9, 13:9, or 4:3, or enter a custom ratio by selecting User from the menu.

Note: The top edge of the marker might be obscured by the status icons and menus. To hide the menus and icons and see the entire screen and marker, tap the center of the screen or the Lock Screen icon. Tap the screen or the Lock Screen icon again to return to the menus and see the status icons.

Select the marker color and thickness.

SAFE AREA

Touch the safe area slider to display an onscreen safety frame marker. Select from 80%, 85%, 90%, 93%, and 96%.

Select the marker color and thickness.

ANAMORPHIC

Touching the Anamorphic de-squeeze slider lets you select a de-squeeze factor that corresponds to your camera and lens, and displays the picture as it will be projected.

Select 2x, 1.8x, 1.65x, 1.5x, or 1.33x.

CENTER MARKER

Touch the center marker slider to place a crosshair at the center of the screen.

Select marker color and thickness.



PEAKING

Tap the Peaking slider to turn on the peaking feature. Peaking adds a color outline to high-contrast areas of the image, highlighting areas that are in focus.

Select the color of the peaking feature, and use the slider to adjust the outline intensity from 0% to 100%. The default value is set to 30%.

ZOOM

Touching the Zoom in slider turns on the feature and places the zoom icon at the top of the screen to verify the feature is active. Use this feature to enlarge the image to quickly check your focus.

The screen responds to the pinch-and-zoom command like a smartphone or tablet.

- To zoom in, touch the screen with two fingers and spread them apart.
Touch and hold to drag the screen while zoomed in.



- To return to full-screen view, pinch your two fingers together.





ZEBRA

Tap the Zebra pattern slider to display animated black and white stripes through areas of the image that are overexposed. Adjust the maximum and minimum exposure values. The default value for Maximum is set to 100%, and Minimum is set to 85%.

FALSE COLOR

Tap the False Color slider to replace the true colors of the image with a standard set of colors that represent exposure levels. The higher—or hotter—the exposure, the higher the color will be in the onscreen chart.

MONOCHROME

The Monochrome feature displays the luminance values of one of the selected red, green, blue, or grayscale channels.



3D-LUT LUT

Tap the LUT slider to activate the LUT selection.

Note: Applied LUTs will not be sent downstream on the HDMI output.

Touch the Preset button to select one of the preinstalled LUTs, and press Confirm.

Select V-Log.cube, S-Log3.cube, S-Log2.cube, REDlogfilm.cube, REDLog.cube, Log-C.cube, Log-3G10.cube, or C-log.cube.

To load a user-supplied LUT, copy it onto a microSD card, and insert the card into the card slot. Select your LUT from the custom selection LUT menu, and press Confirm.

GAMMA ↙

Touch the Gamma slider to select one of the preset gamma curves. Choose 2.2, 2.4 (default), or 2.6.

HDR HDR

Turn on HDR when monitoring an HDR-encoded signal. The function uses the display's luminance range to correctly display an incoming HDR signal. The HDR function can be used in tandem with any applied LUT.

Select one of the HDR presets: PQ (default) or HLG

COLOR TEMPERATURE 🌡️

Adjusts the color temperature of the onscreen image. Presets are 5600, 6500, 9600, and User.

When User mode is selected, the values of red, green, and blue gain and offset can be set manually in the Display section in the Main Menu.

RGB gain can be set from 0% to 200%. The default value is 100%

RGB offset can be set from -64 to +64. The default value is 0.



RECORDING

Start/Stop

User: Select User, and tap on Recording. A record button will appear onscreen, and you can manually start and stop recording.

Trigger: Select Trigger when the camera sends record start and stop trigger over HDMI. The camera will trigger the recording.

Timecode: Select Timecode when the camera sends record start and stop trigger via timecode. The camera will trigger the recording.

File Naming

Before you record, name the file that will be stored on the microSD card.

Use the ◀ and ▶ arrows to move the cursor, and use the ▲ and ▼ arrows to select a letter.

Recording

In User mode, tap on Recording to open the recording window.

- Tap the round record button to record video to the installed microSD card.
- Tap the button again to end recording.
- In Trigger and Timecode modes, the recording will start automatically.

An MP4 file will be stored on the microSD card with the file name you selected.

PLAYBACK

The SkyVision monitor will play back MP4 files it records to a microSD card.

1. Tap on Video file to open a list of MP4 files saved on the microSD card.
2. Select a video file, and press Confirm. The video will begin to play.
 - Pause, skip forward, and skip back controls are at the bottom of the screen along with a progress bar and time.
 - Touch the progress bar to scroll forward or back in the video.
 - Press the back icon to return to the list of video files.

SPECIFICATIONS

Panel Type	LCD
Panel Size	5.5 in. (14 cm)
Backlight	LED
Resolution	1920 × 1080
Brightness	1000 cd/m ²
Contrast Ratio	1200:1
Aspect Ratio	16:9
Viewing Angle	L/R: 160° U/D: 160°
Input	HDMI USB Type-C microSD DC input 2.1 mm barrel
Output	HDMI Headphone (3.5 mm female) microSD
Threaded Socket	1/4-20 female
Input Voltage	7 V to 16.8 V
Power Consumption	Up to 13 W
Battery Type	NP-F (×2)
Touchscreen	Yes
Wireless Range	500 ft. (152.4 m)
Video Input Format	1920×1080p 60/59.94/50/30/29.97/25/24/23.98 1920×1080i 60/59.94/50 1280×720p 60/59.94/50
LUT Format	Cube (17×17×17 / 33×33×33)
Video Recording Format	MP4 (up to 4G/file)
Audio Recording Format	48 kHz
Transmission Frequency Band	5.1 to 5.8 GHz
Transmission Power	17 dBm
Latency	80 ms
Receiving Sensitivity	-80 dBm
Dimensions (W × H × D)	6 × 4 × 1.2 in. (15.1 × 10.3 × 3 cm)
Weight (monitor only)	11 oz. (312 g)

ONE-YEAR LIMITED WARRANTY

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 or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.

www.gradusgroup.com

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