



Mars M1 Enhanced

Quick Guide

V3.0.0

Introduction

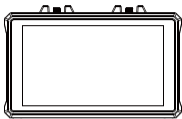
Thank you for purchasing the Hollyland Mars M1 Enhanced which can operate as a wireless monitor or an HD video transmission device. It adopts the latest image encoding and decoding technology and 5G wireless transmission technology. The Mars M1 Enhanced is a versatile solution for a wide range of applications, such as promotional video production, micro movie production, short video production, and TVC shooting.

Key Features

- Integrated wireless video transmission and monitoring solution
- Switchable transmitter and receiver modes
- 1 TX + 1 RX and 1 TX + 2 RX operating modes
- Line-of-sight (LOS) transmission range of up to 450ft (150m)
- Monitoring on mobile phones through the HollyView app
- Ultra-low transmission latency of 0.08s, meeting professional film and television production requirements
- 5.1–5.8GHz frequency bands, supporting frequency configurations in different countries and regions
- Dynamic frequency selection (DFS) feature
- Video playback and automatic trigger recording capabilities
- Custom 3D lookup table (LUT) import via a USB flash drive
- Extended battery life when working as a monitor with video transmission Wi-Fi disabled
- Professional data analysis tools (Luma waveform, RGB waveform, vectorscope, and histogram)
- Multiple auxiliary monitoring functions (Zebra pattern, focus assist, false color, aspect mark, anamorphic desqueeze, zoom-in, center mark, and crosshatch)
- Compatibility with the Mars family of products — Mars 300 Pro, Mars 400S Pro, Mars 4K, and Mars M1

Note: The LOS range of up to 450ft (150m) and transmission latency of 0.08s provided above are based on laboratory testing results.

Item List



Monitor



Capsule Antenna



OTG Adapter



Tempered Glass Screen
Protector



Quick Guide



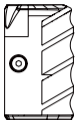
Warranty Card



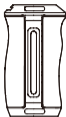
Packing List Card

Note: The item list varies by product configuration.

Item List



Rosewood Handle



T-shaped Handle



Wrist Strap



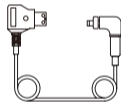
Storage Case



Shoulder Strap



Monitor Hood (with
Bracket)

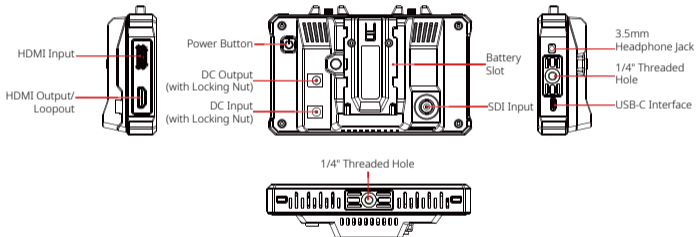
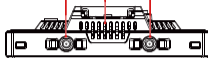


D-Tap to Locking DC Cable

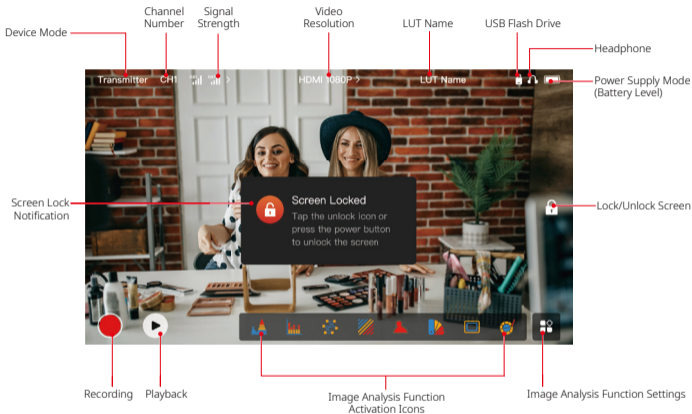
Note: The item list varies by product configuration.

Interface Description

RP-SMA Male Antenna Interface (Left) Ventilation RP-SMA Male Antenna Interface (Right)

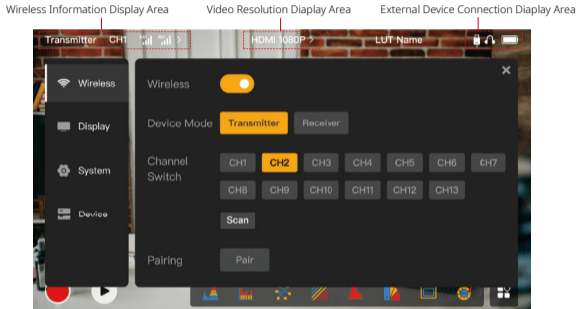


Touchscreen Description



Touchscreen Description

Settings Interfaces



Wireless: Tap on the wireless information display area to enter the wireless settings interface when the top information bar is displayed.

Display: Tap on the video resolution display area to enter the display settings interface when the top information bar is displayed.

System: Tap on the external device connection display area to enter the system settings interface when the top information bar is displayed.

Device: Tap on the **Device** area (on the left) to enter the device information interface.

Note: After entering a settings interface, you can tap any other settings icon on the left to enter the corresponding settings interface.

Touchscreen Description

1. Status Display in Transmitter Mode

- When the device is disconnected from a receiver, **X** is displayed at the signal strength display area on the left of the top information bar.
- When the device is connected to a receiver, the connected receiver number and the signal strength are displayed at the signal strength display area on the left of the top information bar.
- When the device is connected to a video source, the video resolution is displayed in the middle of the top information bar. When there is no input video source connected, **NO VIDEO** is displayed instead.



2. Status Display in Receiver Mode

- When the device is disconnected from a transmitter, **X** is displayed at the signal strength display area on the left of the top information bar and **NO VIDEO** is displayed in the middle of the top information bar.
- When the device is connected to a transmitter, the device number and the signal strength are displayed at the signal strength display area on the left of the top information bar.
- When the connected transmitter is connected to a video source, the video resolution is displayed in the middle of the top information bar.



Touchscreen Description

3. Low Battery Notification

- When the battery level is low, a low battery notification is displayed and the battery icon turns red.



Function Description



Waveform

Displays the horizontal representation of exposure levels in an image, clearly showing overexposed and underexposed areas in the image.



Vectorscope

Displays the overall range of color hue and saturation in an image.



Focus Assist

Paints a highlight around in-focus edges with colored lines (red, green, blue, yellow, white, or black), enabling very fast and accurate focusing.



Aspect Mark

Defines the aspect ratio of an image by cropping certain parts from the corners of the image. The transparency ranges from **0** to **100**. The aspect mark function supports the following aspect ratios: 16:9, 16:10, 4:3, 1:1, 1.85:1, and 2.35:1. You can also customize the aspect ratio as needed.



Image Flip

Allows you to flip an image to meet your needs of operation.



Zoom-in

Supports 2x and 4x zoom-in. You can swipe across the screen to change the area to be zoomed in.



Volume Column

Displays the volume level of a video.



Histogram

Displays the proportion information of exposure levels in an image, clearly showing the overall exposure balance of the image.



Zebra Pattern

Displays a stripe pattern over a specific brightness range (IRE) on an image. You can customize the upper IRE value and the lower IRE value as needed.



False Color

Assigns different colors to areas of different brightness in an image to get quick exposure readings.



LUT

Allows you to preview the color processing result during shooting by importing LUTs via a USB flash drive.



Crosshatch

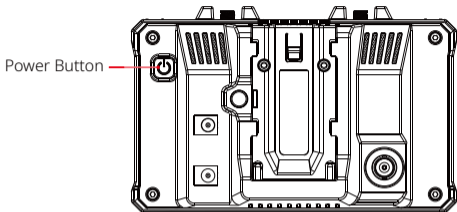
Overlays a geometric grid pattern over an image with customizable rows and columns to display the image in nine grids, sixteen grids, or twenty-five grids.



Anamorphic Desqueeze

Restores footage to its original aspect ratio, allowing you to correctly view images when using anamorphic lenses.

Button Description



Power Button

ON: Press the power button to turn on the device (when the device is connected to a power source).

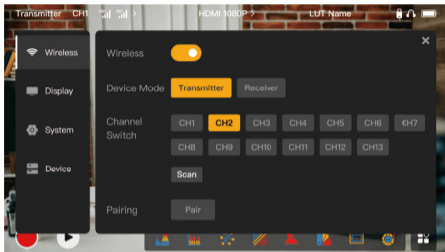
OFF: Press and hold the power button for 3 seconds to turn off the device.

Lock Screen: Press the power button to lock the screen (when the device is turned on).

Unlock Screen: Press the power button to unlock the screen (when the screen is locked).

Settings Description

1. Wireless Settings



Wireless

- This function is only available in transmitter mode. If it is disabled, video transmission Wi-Fi will be disabled, which will extend battery life.
- If this function is disabled, the device (in transmitter mode) cannot be paired with a receiver. To pair with a receiver, enable this function and wait until the channel number is displayed in the upper left corner before pairing.

Device Mode

- You can switch between transmitter and receiver modes as needed.

Channel Switch

- Tap a channel number in the channel list to select a channel.

Settings Description

- For China: Wi-Fi connection on channels CH5 to CH10 is not supported on some mobile phones. Please use other available channels.
- For Japan: Wi-Fi connection on channels CH3 to CH8 is not supported on some mobile phones. Please use other available channels.
- For the United States and Europe: Wi-Fi connection on channels CH1 to CH8 is supported on mobile phones.
- For other countries and regions: Please refer to the local wireless regulations and select the channels supported in China, Japan, the United States, or Europe accordingly.

Scan

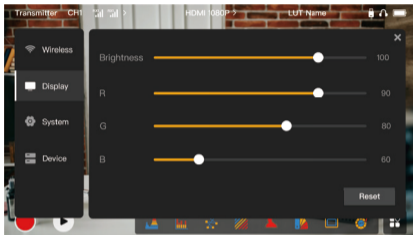
- This function is only available in receiver mode. It scans the Wi-Fi signal strength in the environment. In the channel scan result, the yellow bar indicates the channel currently used by the device, the green bar indicates low-interference channels, and the red bar indicates strong-interference channels. You are advised to use the channels indicated by the green bar.
- To switch channels, simply tap the corresponding bar in the channel scan result.

Pairing

- You can perform pairing after the device is turned on and the channel number is displayed.
- 1 TX + 1 RX pairing: Start pairing on both the transmitter and the receiver at the same time.
- 1 TX + 2 RX pairing: After pairing the transmitter with receiver 1, pair the transmitter with receiver 2. The transmitter cannot be paired with two receivers at the same time.

Settings Description

2. Display Settings



Brightness

- Adjust the brightness of the screen backlight in the range of **0** to **100**.
- The default value is **100**.

R

- Adjust the red gain of the screen in the range of **50** to **100**.
- The default value is **100**.

G

- Adjust the green gain of the screen in the range of **50** to **100**.
- The default value is **100**.

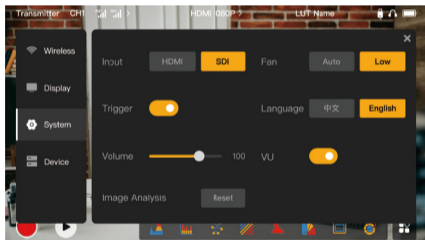
Settings Description

- B
- Adjust the blue gain of the screen in the range of **50** to **100**.
 - The default value is **100**.

Reset

Reset all the parameters on the display settings interface to their default values.

3. System Settings



Input

- Tap either **HDMI** or **SDI** to manually switch the signal input mode.

Settings Description

Trigger

- This function is enabled by default, indicating that the recording function of the device is controlled by the camera trigger information.

Volume

- Adjust the output volume for headphone monitoring in the range of **0** to **100**.
- The default value is **50**.

Image Analysis

- Tap **Reset** to reset all the parameters of the image analysis functions to their default values.

Fan

- Switch the fan mode between **Auto** and **Low**.
- The default value is **Low**.

Language

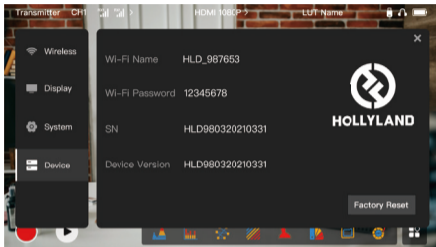
- Switch the device language between Chinese and English.

VU

- Enable or disable this function to display the VU meter or not.
- This function is disabled by default.

Settings Description

4. Device Information



Device Info

- In transmitter mode, the Wi-Fi name and password of the device are displayed. In receiver mode, the Wi-Fi name of the connected transmitter are displayed.
- The serial number (SN) and version information of the device are also displayed.
- The version information of the new firmware (if available) on the USB flash drive is also displayed.
- Tap **Factory Reset** to reset all the device parameters to their default values.

Device Upgrade

1. Copy the upgrade file to a USB flash drive.
2. Turn on the device, attach the USB flash drive to the OTG adapter, and connect the OTG adapter to the device via the USB-C interface.

Settings Description

3. Tap **OK** in the dialog box that is displayed, or tap **System Upgrade** and then tap **OK**.
4. The upgrade is complete when the device restarts automatically.

Note:

- a. Do not power off the device during the upgrade process.
- b. Please use a USB flash drive formatted as FAT32 or NTFS.
- c. Please ensure that the wireless transmission function is enabled during the upgrade process.

Monitoring Through the HollyView App

● Installation and Connection

1. **Installation:** For Android systems, download the HollyView app from Hollyland's official website or the app store. For iOS systems, download the app from the App Store.
2. **Automatic Connection:**
The app automatically scans and connects to the device. Then, you can start monitoring on the main interface of the app.

Manual Connection:

Manually connect to the device by entering the device ID number. Then, you can start monitoring on the main interface of the app.

Specifications

Device Mode	Transmitter mode	Receiver mode
Video Input Interface	HDMI 1.4b IN (Type-A female) 3G-SDI IN (BNC female)	/
Video Output Interface	HDMI 1.4b LOOPOUT (Type-A female)	HDMI 1.4b OUT (Type-A female)
Antenna Interface	Two RP-SMA male interfaces	Two RP-SMA male interfaces
Power Input Interface	DC IN (2.0mm core socket)	DC IN (2.0mm core socket)
Power Output Interface	DC OUT (2.0mm core socket)	DC OUT (2.0mm core socket)
Headphone Jack	3.5mm	3.5mm
Upgrade Interface	USB-C (USB-2.0 OTG)	USB-C (USB-2.0 OTG)
Screen Size	5.5" touchscreen	5.5" touchscreen
Screen Resolution	1920x1080 pixels	1920x1080 pixels
Pixel Density	403 PPI	403 PPI
Aspect Ratio	16:9	16:9
Screen Brightness	1,000 nits	1,000 nits
Contrast Ratio	1000:1	1000:1
Power Input Voltage	DC IN: 7–16V 2.5A (nominal 12V) NP-F battery: 6.8V–8.4V	DC IN: 7–16V 2.5A (nominal 12V) NP-F battery: 6.8V–8.4V
DC Output Voltage	8.4V±5%	8.4V±5%
Power Consumption	<16W	<13.6W
Net Weight	Approx. 400g (14.1oz) with external antennas excluded	Approx. 400g (14.1oz) with external antennas excluded

Specifications

Dimensions	(L x W x H): 152mm x 96mm x 40mm (5.98" x 3.78" x 1.57") with external antennas excluded	(L x W x H): 152mm x 96mm x 40mm (5.98" x 3.78" x 1.57") with external antennas excluded
Input Video Resolution	HDMI IN:	/
	720p50/59.94/60 Hz	/
	1080i50/59.94/60 Hz	/
	1080p23.98/24/25/29.97/30/50/59.94/60 Hz	/
	3840x2160p23.98/24/25/29.97/30 Hz	/
	4096x2160p23.98/24/25/29.97/30 Hz	/
	SDI IN:	/
	720p50/59.94/60 Hz	/
	1080i50/59.94/60 Hz	/
	1080p23.98/24/25/29.97/30	/
1080p50/59.94/60 Hz (3G-SDI level A)	/	
1080p50/59.94/60 Hz (3G-SDI level B)	/	
Output Video Resolution	HDMI LOOPOUT (HDMI IN)	HDMI OUT:
	720p50/59.94/60 Hz	720p50/59.94/60 Hz
	1080i50/59.94/60 Hz	1080i50/59.94/60 Hz
	1080p23.98/24/25/29.97/30/50/59.94/60 Hz	1080p23.98/24/25/29.97/30/50/59.94/60 Hz

Specifications

Output Video Resolution	3840x2160p23.98/24/25/29.97/30 Hz	1080p50/59.94/60 Hz
	4096x2160p23.98/24/25/29.97/30 Hz	1080p50/59.94/60 Hz
	HDMI LOOPOUT (SDI IN)	HDMI OUT:
	720p50/59.94/60 Hz	720p50/59.94/60 Hz
	1080i50/59.94/60 Hz	1080i50/59.94/60 Hz
	1080p23.98/24/25/29.97/30/50/59.94/60 Hz	1080p23.98/24/25/29.97/30/50/59.94/60 Hz
	Note: When the device (in receiver mode) is connected to the Mars 4K transmitter, if the HDMI input video resolution of the Mars 4K transmitter is 3840x2160p24/25/30 Hz, the HDMI output video resolution of the device is 1920x1080p24/25/30 Hz.	
Display Latency	<0.05s (test data when 1080p60 signals are transmitted in a laboratory environment. The display latency varies by video resolution.)	/
Operating Frequency	5.1GHz-5.8GHz	
Codec Technology	H.264	
Bit Rate	12Mbps	
TX Power	≤21+/-1.5dBm	
Transmission Latency	Approx. 0.08s (test data when 1080p60 signals are transmitted in a laboratory environment)	

Specifications

LOS Range	Up to 450ft (150m) (test data in an unobstructed outdoor environment free of interference)
Bandwidth	20MHz
Audio Format	Eight audio channels for the HDMI 1.4b
Operating Temperature	-10°C to 60°C (14°F to 140°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)

Note: The operating frequency and TX power vary by country and region. In some countries and regions, the 5.1GHz, 5.2GHz, and 5.8GHz frequency bands are prohibited, or the 5.1GHz and 5.2GHz frequency bands are only allowed for indoor use. Please refer to local laws and regulations for more information.

Safety Precautions

1. Image Retention

- Avoid displaying an image or text on the screen for an extended period. Otherwise, the risk of image or text burn-in may occur and then result in image retention on the screen.

2. Upgrade Failure

- Ensure that the upgrade file is stored in the root directory of the USB flash drive.
- Check whether the USB flash drive is properly attached to the OTG adapter.
- Ensure that the USB flash drive is formatted as FAT32 or NTFS.
- Check whether the wireless transmission function is enabled.

3. App Connection

- If the device Wi-Fi cannot be found on the mobile phone, please use a non-DFS channel.

4. Power Adapter Selection

- To ensure that the device can provide a stable power supply to the camera via the DC OUT interface during normal operation, please use a 12V power adapter with 2.5A or higher specifications.

Note:

Do not place the product near or inside heating devices (including but not limited to microwave ovens, induction cookers, electric ovens, electric heaters, pressure cookers, water heaters, and gas stoves) to prevent the device from overheating and exploding.

If you encounter any problems in using the product or need any help, please contact Hollyland Support Team via the following ways:



Hollyland User Group



HollylandTech



HollylandTech



HollylandTech



support@hollyland.com



www.hollyland.com

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Note:

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介紹

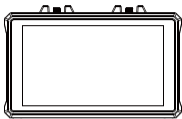
感謝您購買 Hollyland Mars M1 Enhanced，本產品可當無線監視器或 HD 視訊傳輸設備操作。採用的是最新影像編解碼技術和 5G 無線傳輸技術。Mars M1 Enhanced 是一款通用解決方案，適合各種應用，例如宣傳片製作、微電影製作、短片製作和 TVC 拍攝。

主要特色

- 整合式無線視訊傳輸及監控解決方案
- 可切換式發射器和接收器模式
- 1 TX + 1 RX 和 1 TX + 2 RX 操作模式
- 視線 (LOS) 傳輸範圍高達 450 ft (150 m)
- 透過 HollyView 應用程式在行動電話上進行監控
- 0.08 s 超低傳輸延遲，符合專業影視製作要求
- 5.1 - 5.8 GHz 頻帶，支援不同國家和地區的頻率配置
- 動態頻率選擇 (DFS) feature
- 視訊播放和自動觸發錄製能力
- 透過 USB 隨身碟匯入自訂 3D 查詢表 (LUT)
- 當作監視器運作時，停用視訊傳輸 Wi-Fi 可延長電池壽命
- 專業的資料分析工具 (Luma 波形、RGB 波形、向量圖、直方圖)
- 多種輔助監控功能 (斑馬紋、對焦輔助、假色、外觀標記、變形去擠壓、放大、中心標記和交叉影線)
- 與 Mars 系列產品的相容性 — Mars 300 Pro、Mars 400S Pro、Mars 4K 和 Mars M1

註記：上述高達 450 ft (150 m) 的 LOS 範圍和 0.08 秒的傳輸延遲是基於實驗室測試結果。

品項清單



監視器



膠囊天線



OTG 配接器



強化玻璃螢幕保護貼



快速指南



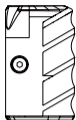
保固卡



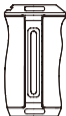
包裝清單卡

註記：品項清單因產品配置而異。

品項清單



花梨木把手



T形把手



腕帶



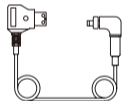
儲存盒



肩帶



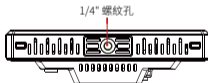
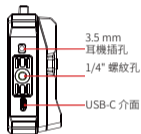
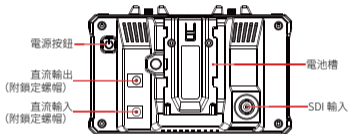
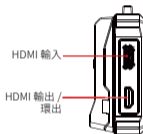
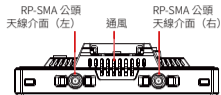
監視器遮光罩
(附支架)



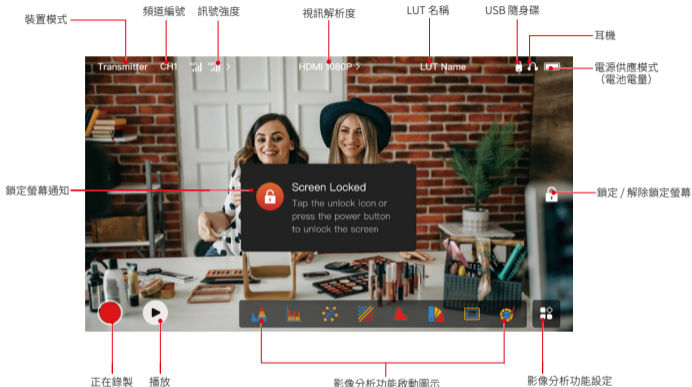
D-Tap 鎖定直流纜線

註記：品項清單因產品配置而異。

介面說明



觸控螢幕說明



觸控螢幕說明

設定介面



Wireless：頂部資訊列顯示時，點按無線資訊顯示區即可進入無線設定介面。

Display：頂部資訊列顯示時，點按視訊解析度顯示區即可進入顯示設定介面。

System：顯示頂部資訊列時，點按外部裝置連線顯示區即可進入系統設定介面。

Device：點按Device區域（左邊）即可進入裝置資訊介面。

註記：進入設定介面後，您可點按左邊的任何其他設定圖示以進入對應的設定介面。

觸控螢幕說明

1. 發射器模式下的狀態顯示

- 當裝置與接收器中斷連線時，頂部資訊列左邊的訊號強度顯示區會顯示 **X**。
- 當裝置連線至接收器時，頂部資訊列左邊的訊號強度顯示區會顯示已連線的接收器編號和訊號強度。
- 當裝置連線至視訊源時，視訊解析度會顯示在頂部資訊列的中間。當沒有輸入視訊源連線時，會顯示 **NO VIDEO**。



2. 接收器模式下的狀態顯示

- 當裝置與發射器中斷連線時，頂部資訊列左邊的訊號強度顯示區會顯示 **X**，並且頂部資訊列中間會顯示 **NO VIDEO**。
- 裝置連線至發射器之後，頂部資訊列左邊的訊號強度顯示區會顯示裝置編號和訊號強度。
- 當連線的發射器連線至視訊源時，視訊解析度會顯示在頂部資訊列的中間。



觸控螢幕說明

3. 低電池電量通知

- 當電池電量低時，會顯示低電池電量通知，並且電池圖示變為紅色。



功能說明



波形

顯示影像中曝光程度的水平表示，清楚示出影像中曝光過度和曝光不足的區域。



向量圖

顯示影像中色調與飽和度的總體範圍。



對焦輔助

使用有色條線（紅色、綠色、藍色、黃色、白色或黑色）在焦距內邊緣周圍塗上反白，從而實現非常快速且準確的對焦。



外觀標記

透過剪輯影像角落某些部分來定義影像的外觀比。透明度範圍從 0 到 100。外觀標記功能支援以下外觀比：16:9、16:10、4:3、1:1、1.85:1 和 2.35:1。您還可以根据需要客製化外觀比。



影像翻轉

允許您翻轉影像以符合您的操作需求。



放大

支援 2 倍和 4 倍放大。您可以跨越螢幕滑動以變更要放大的區域。



音量欄

顯示影片的音量程度。



直方圖

顯示影像中曝光程度的比例資訊，清楚示出影像的整體曝光平衡。



斑馬紋

在影像上的特定亮度範圍 (IRE) 上方顯示條紋圖案。您可以根據需要客製化上 IRE 值和下 IRE 值。



假色

為影像中不同亮度的區域分派不同顏色即可獲得快速曝光讀數。



LUT

透過 USB 隨身碟匯入 LUT，可以在拍攝過程中預覽顏色處理結果。



交叉影線

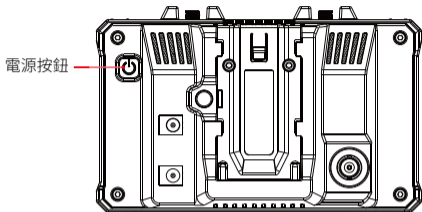
在行列可客製化的影像上疊加幾何網格圖案，以九宮格、十六宮格或二十五宮格顯示影像。



變形去擠壓

將素材還原為其原始外觀比，使您可以在使用變形鏡頭時正確檢視影像。

按鈕說明



電源按鈕

亮起：按下電源按鈕即可開啟裝置（當裝置連接到電源時）。

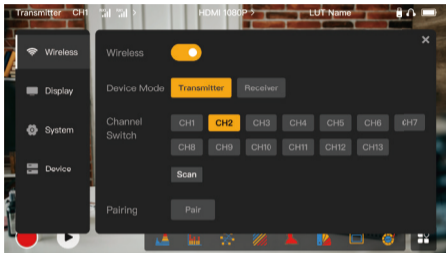
熄滅：按住電源按鈕 3 秒鐘即可關閉裝置。

鎖定螢幕：按下電源按鈕即可鎖定螢幕（當裝置開啟時）。

解除鎖定螢幕：按下電源按鈕即可解除鎖定螢幕（當螢幕鎖定時）。

設定說明

1. 無線設定



Wireless

- 此功能僅在發射器模式下可用。如果停用，則視訊傳輸 Wi-Fi 將停用，這將延長電池壽命。
- 如果此功能停用，則裝置（處於發射器模式）無法與接收器配對。若要與接收器配對，請啟用此功能並等到頻道編號顯示在左上角，然後再配對。

Device Mode

- 您可以根據需要在發射器與接收器模式之間切換。

Channel Switch

- 按一下頻道清單中的頻道編號即可選取頻道。
- 對於中國：一些行動電話不支援 CH5 至 CH10 頻道上的 Wi-Fi 連線。請使用其他可用頻道。
- 對於日本：一些行動電話不支援 CH3 至 CH8 頻道上的 Wi-Fi 連線。請使用其他可用頻道。

設定說明

- 對於美國和歐洲：行動電話支援 CH1 至 CH8 頻道上的 Wi-Fi 連線。
- 對於其他國家和地區：請參考當地無線規範，並且選取中國、日本、美國或歐洲支援的頻道。

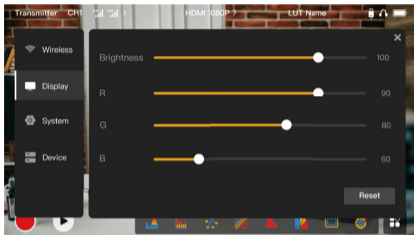
Scan

- 此功能僅在接收器模式下可用。其掃描環境中的 Wi-Fi 訊號強度。在頻道掃描結果中，黃條表示頻道正由裝置使用，綠條表示低干擾頻道，紅條表示強干擾頻道。建議您使用綠條指示的頻道。
- 若要切換頻道，只需點按頻道掃描結果中的對應條即可。

Pairing

- 您可以在裝置開啟並顯示頻道編號後進行配對。
- 1 TX + 1 RX 配對：同時開始配對發射器與接收器。
- 1 TX + 2 RX 配對：將發射器與接收器 1 配對後，將發射器與接收器 2 配對。發射器不能同時與兩個接收器配對。

2.顯示設定



Brightness

- 在 0 至 100 的範圍內調整螢幕背光的亮度。
- 預設值為 100。

R

- 在 50 至 100 的範圍內調整螢幕的紅色增益。
- 預設值為 100。

G

- 在 50 至 100 的範圍內調整螢幕的綠色增益。
- 預設值為 100。

設定說明

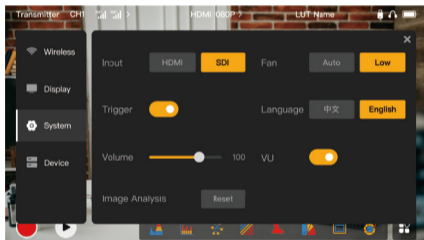
B

- 在 50 至 100 的範圍內調整螢幕的藍色增益。
- 預設值為 100。

Reset

將顯示設定介面的所有參數都重設為其預設值。

3.系統設定



Input

- 點按 HDMI 或 SDI 即可手動切換訊號輸入模式。

Trigger

- 此功能預設為啟用，表示裝置的錄製功能受攝影機觸發資訊控制。

Volume

- 在 0 至 100 的範圍內調整耳機監聽的輸出音量。
- 預設值為 50。

Image Analysis

- 點按Reset即可將影像分析功能的所有參數都重設為其預設值。

Fan

- 在Auto與Low之間切換風扇模式。
- 預設值為Low。

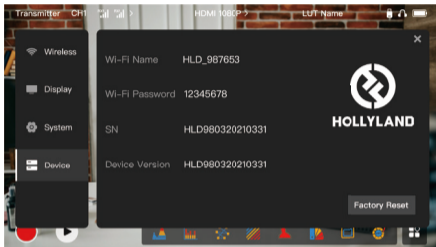
Language

- 在中文與英文之間切換裝置語言。

VU

- 啟用或停用此功能即可顯示或不顯示 VU 計。
- 此功能預設為停用。

4. 裝置資訊



裝置資訊

- 在發射器模式下，會顯示裝置的 Wi-Fi 名稱和密碼。在接收器模式下，會顯示已連線發射器的 Wi-Fi 名稱。
- 還會顯示裝置的序號 (SN) 和版本資訊。
- 顯示 USB 隨身碟上新韌體（如果有）的版本資訊。
- 點按 **Factory Reset** 即可將所有裝置參數都重設為其預設值。

裝置升級

1. 將升級檔案複製到 USB 隨身碟。
2. 開啟裝置，將 USB 隨身碟附接到 OTG 配接器，並且透過 USB-C 介面將 OTG 配接器連接到裝置。

3. 點按所顯示對話方塊中的 **OK**，或者點按**System Upgrade**後點按 **OK**。
4. 當裝置自動重新啟動時，升級完成。

註記：

- a. 升級過程中請勿關閉裝置電源。
- b. 請使用格式化為 FAT32 或 NTFS 的 USB 隨身碟。
- c. 請確保在升級過程中啟用無線傳輸功能。

透過 HollyView 應用程式進行監控

- **安裝和連線**

1. **安裝：**對於 Android 系統，請從 Hollyland 的官網或應用程式商店下載 HollyView 應用程式。對於 iOS 系統，請從 App Store 下載應用程式。
2. **自動連線：**
應用程式會自動掃描並連線至裝置。接著，您可以在應用程式的主介面上開始監控。
- 手動連線：**
透過輸入裝置 ID 號碼手動連線至裝置。接著，您可以在應用程式的主介面上開始監控。

規格

裝置模式	發射器模式	接收器模式
視訊輸入介面	HDMI 1.4b 輸入 (A 型母頭) 3G-SDI 輸入 (BNC 母頭)	/
視訊輸出介面	HDMI 1.4b 環出 (A 型母頭)	HDMI 1.4b 輸出 (A 型母頭)
天線介面	兩個 RP-SMA 公頭介面	兩個 RP-SMA 公頭介面
電源輸入介面	直流輸入 (2.0 mm 線芯插座)	直流輸入 (2.0 mm 線芯插座)
電源輸出介面	直流輸出 (2.0 mm 線芯插座)	直流輸出 (2.0 mm 線芯插座)
耳機插孔	3.5 mm	3.5 mm
升級介面	USB-C (USB-2.0 OTG)	USB-C (USB-2.0 OTG)
螢幕大小	5.5" 觸控螢幕	5.5" 觸控螢幕
螢幕解析度	1920x1080 像素	1920x1080 像素
像素密度	403 PPI	403 PPI
外觀比	16:9	16:9
螢幕亮度	1,000 尼特	1,000 尼特
對比度	1000:1	1000:1
電源輸入電壓	直流輸入：7-16 V 2.5 A (標稱 12 V) NP-F 電池：6.8 V-8.4 V	直流輸入：7-16 V 2.5 A (標稱 12 V) NP-F 電池：6.8 V-8.4 V
直流輸出電壓	8.4V±5%	8.4V±5%
功耗	<16W	<13.6W
淨重	約 400 g (14.1 oz)， 不包括外部天線	約 400 g (14.1 oz)，不包括外部天線

規格

尺寸	(L x W x H) : 152 mm x 96 mm x 40 mm (5.98" x 3.78" x 1.57") , 不包括外部天線	(L x W x H) : 152 mm x 96 mm x 40 mm (5.98" x 3.78" x 1.57") , 不包括外部天線
輸入視訊解析度	HDMI 輸入 :	/
	720p50/59.94/60 Hz	/
	1080i50/59.94/60 Hz	/
	1080p23.98/24/25/29.97/30/50/59.94/60 Hz	/
	3840x2160p23.98/24/25/29.97/30 Hz	/
	4096x2160p23.98/24/25/29.97/30 Hz	/
	SDI 輸入 :	/
	720p50/59.94/60 Hz	/
	1080i50/59.94/60 Hz	/
	1080p23.98/24/25/29.97/30	/
	1080p50/59.94/60 Hz (3G-SDI A 級)	/
1080p50/59.94/60 Hz (3G-SDI B 級)	/	
輸出視訊解析度	HDMI 環出 (HDMI 輸入)	HDMI 輸出 :
	720p50/59.94/60 Hz	720p50/59.94/60 Hz
	1080i50/59.94/60 Hz	1080i50/59.94/60 Hz
	1080p23.98/24/25/29.97/30/50/59.94/60 Hz	1080p23.98/24/25/29.97/30/50/59.94/60 Hz

規格

輸出視訊解析度	3840x2160p23.98/24/25/29.97/30 Hz	1080p50/59.94/60 Hz
	4096x2160p23.98/24/25/29.97/30 Hz	1080p50/59.94/60 Hz
	HDMI 環出 (SDI 輸入)	HDMI 輸出：
	720p50/59.94/60 Hz	720p50/59.94/60 Hz
	1080i50/59.94/60 Hz	1080i50/59.94/60 Hz
	1080p23.98/24/25/29.97/30/50/ 59.94/60 Hz	1080p23.98/24/25/29.97/30/ 50/59.94/60 Hz
註記： 當裝置（處於接收器模式）連線至 Mars 4K 發射器時，如果 Mars 4K 發射器的 HDMI 輸入視訊解析度為 3840x2160p24/25/30 Hz，則裝置的 HDMI 輸出視訊解析度為 1920x1080p24/25/30 Hz。		
顯示延遲	< 0.05 s（實驗室環境下傳輸 1080p60 訊號時的測試資料。顯示延遲因視訊解析度而異。）	/
操作頻率	5.1 GHz–5.8 GHz	
編解碼技術	H.264	

規格

位元率	12 Mbps
TX 功率	≤21+/-1.5dBm
傳輸延遲	約 0.08 s (實驗室環境下傳輸 1080p60 訊號時的測試資料)
LOS 範圍	高達 450 ft (150 m) (無遮擋無干擾戶外環境下的測試資料)
頻寬	20 MHz
音訊格式	用於 HDMI 1.4b 的八個音訊頻道
操作溫度	-10 °C 至 60 °C (14 °F 至 140 °F)
存放溫度	-40 °C 至 60 °C (-40 °F 至 140 °F)

註記：操作頻率和 TX 功率因國家和地區而異。在一些國家和地區中，5.1GHz、5.2GHz 和 5.8GHz 頻帶禁用，或者 5.1GHz 和 5.2GHz 頻帶僅限室內使用。請參閱當地法律和規範以取得更多資訊。

安全須知

1. 影像殘留

- 避免在螢幕上長時間顯示影像或文字。否則，可能會出現影像或文字烙印的風險，然後導致螢幕發生影像殘留。

2. 升級失敗

- 確保升級檔案儲存在 USB 隨身碟根目錄下。
- 檢查 USB 隨身碟是否妥善附接到 OTG 配接器。
- 確保 USB 隨身碟格式化為 FAT32 或 NTFS。
- 檢查無線傳輸功能是否啟用。

3. 應用程式連線

- 如果行動電話上找不到裝置 Wi-Fi，請使用非 DFS 頻道。

4. 電源轉接器選擇

- 為確保裝置在正常操作時可以透過直流輸出介面為相機提供穩定的電源供應，請使用 2.5 A 或更高規格的 12 V 電源轉接器。

註記：

請勿將產品放置在加熱裝置（包括但不限於微波爐、電磁爐、電烤箱、電暖器、壓力鍋、熱水器和瓦斯爐）附近或裡面，以防止電池過熱和爆炸。

如果您在使用產品時遇到任何問題，或需要任何幫助，請透過以下方式聯絡 Hollyland 支援團隊：



Hollyland User Group



HollylandTech



HollylandTech



HollylandTech



support@hollyland.com



www.hollyland.com

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