

Blackmagic Camera for iOS



Blackmagic Camera unlocks the power of your iPhone or iPad by adding Blackmagic's digital film camera controls and image processing! Now you can create the same cinematic 'look' as Hollywood feature films. You get the same intuitive and user friendly interface as Blackmagic Design's award winning cameras. It's just like using a professional digital film camera! You can adjust settings such as frame rate, shutter angle, white balance and ISO all in a single tap. Or, record directly to Blackmagic Cloud in industry standard 10-bit Apple ProRes files up to 4K! Recording to Blackmagic Cloud Storage lets you collaborate on DaVinci Resolve projects with editors anywhere in the world, all at the same time!

Camera Controls

Lens Selection

Based on device. Selection of front and back lenses.

Frame Rates

Based on device and codec selected.
23.98 fps, 24 fps, 25 fps, 29.97 fps, 30 fps, 48 fps, 59.94 fps, 60 fps, 100 fps, 120 fps.

Off Speed Recording

4 fps to 60 fps
Off speed recordings will play back at project frame rate.

Shutter Speed

Based on device and frame rate selected. Includes lock on or off.
1/24, 1/25, 1/30, 1/33, 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000.

Shutter Angle

Includes lock on or off. 1.1° to 360°

Shutter speed or shutter angle nominated in Camera Settings.

ISO

Based on device and lens selected
ISO 21 to ISO 5472.

White Balance

Locked, Auto or Manual.

White Balance Presets

Cloud, Shade, Fluorescent, Incandescent, Daylight.

Manual White Balance

2500K to 10,000K.

Tint Presets

Auto and manual selections with lock based on device. Cloud, Shade, Fluorescent, Incandescent, Daylight.

Manual Tint

-50 to 50.

Focus

Includes auto focus on or off plus tap screen auto focus.

Manual control from minimum focus distance (0.00) to maximum focus distance (1.00).

Focus Presets to Rack Focus

Three focus settings with variable time for auto rack focus.

Exposure

Based on device and lens selected
+/- 3 stops.

Zebra Guides

On or off, 75% to 100%.

Focus Assist Guides

On or off, 1% to 100%.

Screen Guides

On or off, Thirds, Centre Crosshair, Centre Dot.

Frame Guides

On or off, 9:16, 4:5, 1:1, 4:3, 14:9, 1.85:1, 2:1, 2.35:1, 2.39:1, 2.4:1, 2.76:1 aspect ratio guides.

Safe Area Guides

On or off, 5% to 100%.

False Color Guides

On or off.

Display LUT Guides

On or off.

Stabilization

Off, Standard, Cinematic, Extreme.

Zoom

Based on device. Scrub desired amount of zoom.

Clip Metadata

Enter clip information including, Slate Name, Lens Data, Reel, Scene, Take, Good Take Last Clip, Interior/Exterior, Day/Night, Production Name, Camera Ident, Director, Camera Operator.

Histogram

Overlay red, green, blue histogram with channel clip indicators.

Audio Meters

VU or PPM audio meters with tap to set audio gain for compatible external audio sources.

Tap meter for larger overlay.

Remote Control Status

With remote control on, shows connection status.

Remote Control Multicam

With remote control on as a controller, selects single or multi camera view.

HUD Visibility

Swipe up or down to show and hide HUD. HUD and controls always visible when device held in vertical orientation with Enable Vertical Video disabled.

Screen Visibility

Swipe right to dim screen while recording.

Haptic Feedback

Camera control dials offer haptic feedback.



Record Settings

Codec

Based on device.
Apple ProRes 422 HQ,
Apple ProRes 422,
Apple ProRes 442 LT,
Apple ProRes Proxy,
HEVC (H.265), H.264.

Bitrate Selection

Low, Medium, High, Max.
Optional automatically generated
1920 x 1080 HD HEVC (H.265) proxy
files for each recording.

Resolution

Based on device.
4K, 1080p, 720p.

Color Space

Based on device.
Rec. 709, Rec. 2020, P3 D65, BT2020
HLG10, BT2020 HDR10, Apple Log,
ACES.

Timecode Display

Record Run or Time of Day (TOD)
timecode with every clip.
With Accessories - Bluetooth on, also
supports Tentacle Sync E.

Timelapse Recording

On or off.
Range from capture 1 frame every 2
seconds to 1 frame every 10 minutes.

If Media Drops Frame

Alert or Stop Recording.

Camera Settings

Enable Vertical Video

Supports recording vertical video format for social media.
Records landscape video format while device is held in landscape or vertical orientation if Enable Vertical Video is disabled.

Trigger Record Indicator

Beeper, Beeper and Flash, None.

Use Volume Button to Trigger

Record

On or off.

Lock White Balance on Record

On or off.

While Recording Swipe Right to

Dim Screen

On or off.

Shutter Measurement

Shutter speed or shutter angle.

Flicker Free Shutter Based On

50 Hz / 60 Hz.

Lens Correction

Based on device.
Automatic or off.

Anamorphic De-Squeeze

Based on device model and third party lens.
None, 1.33, 1.55.

Flip Image for SLR Lens

On or off.

Lock Current Orientation

Preserves current orientation even if device is rotated.

Mirror Front Facing Camera

On or off.

Audio Settings

Audio Source

None, phone microphone or third party microphones.

Phone Microphone

Support based on device.
Auto, Back, Bottom Front.

Audio Format

Based on device.
Linear PCM, IEEE Float, AAC.

Record Audio as

Mono, Stereo, Dual Mono or 4 Channels.

Sample Rate

Auto, 44.1 kHz, 48.0 kHz.

Audio Metering

VU (-18dBFS), VU (-20dBFS).
PPM (-18dBFS), PPM (-20dBFS).

Audio Monitoring

On or off.

Audio Output

Speaker, bluetooth.

Monitor Settings

Focus Assist

Peaking or Colored Lines.

Focus Assist Color

White, Black, Red, Green, Blue.

Guides Opacity

25%, 50%, 75%, 100%.

Guides Color

White, Black, Red, Green, Blue.

Grids Opacity

25%, 50%, 75%, 100%.

HDMI Out

Supported with Apple Lightning or Apple USB-C Adapter.
Mirror Display or Video Feed.

Video Feed Monitoring and Overlays

On or off for: Clean Feed, Status Text, Status Text Surrounds Image, Display 3D LUT, Zebra, Focus Assist, Frame Guide, Grid, Safe Area Guide, False Color.

Display Audio Meters

On or off.

Display Histogram

On or off.

Display Storage Status

On or off.

Display Upload Status

On or off.

Display Battery Indicator.

On or off.

Media

Blackmagic Camera includes professional media management right from the Media Page. You can sort clips by location, name, timecode, scene or shot, plus search all clips, or just clips within specific projects. Preview clips with duration, timecode and file name displayed and use the scrubber for fluid, precise frame control. Select clips to upload and share, browse local photos or external media and delete clips with a confirmation warning.

Record Proxy

On or off.

Optional automatically generated 1920 x 1080 HD HEVC (H.265) proxy files for each recording.

Live Sync

On or off.

Auto Uploading to Selected Project

On or off.

Save Clips to

Based on device.

In-App Only, In-App and Photo Library, Files to internal or external storage.

Upload Clips

If Proxies are recorded, Proxies Only or Originals and Proxies.

Enable Upload Only Over Wi-Fi

On or off.

Save Location Data to Clip

On or off.

Clip Filename Convention

Blackmagic Camera or iOS.

LUTs

Display LUT

On or off.

LUT Selection

Import LUT, Export LUT or choose from list of loaded LUTs.
Apple Log to Rec. 709 LUT supported on iPhone 15 Pro and iPhone 15 Pro Max.

Record LUT to Clip

On or off.

Color Space Tag

Rec. 709, Rec. 2020, P3 D65.

Presets

Preset Selection

Save New Preset, Import Preset, Export Preset.

Accessories

Use Bluetooth

On or off.

If on, supports Nucleus Wireless Lens Control and Tentacle Sync E.
Insta360 Flow Pro using NFC and Apple DockKit.

Remote Camera Control

Remote Camera Control

On or off.

Use this iPhone as

Controller, Remote Camera.

Camera Name

User defined.

Remote Password

User defined.

Camera Available for

Control and Monitor
Monitor Only

Sync Record Across Cameras

On or off.

Hide Remote Camera Video Feed

On or off.

Dim Remote Cameras on Record

On or off.

Blackmagic Cloud

Compatibility

Blackmagic Camera is fully Integrated with Blackmagic Cloud and DaVinci Resolve 18.6 or later.

Sharing

Integrated Login to Blackmagic Cloud for sharing to Blackmagic Cloud Folders. Record clips into shared folders without needing a DaVinci Resolve Project.



Blackmagic Cloud

Automatic Media Sharing

Captured media automatically uploads to a Blackmagic Cloud DaVinci Resolve project.

Manual Media Sharing

Select recorded clips or files manually to share to a Blackmagic Cloud DaVinci Resolve project.

[Learn More](#)

Real Time Messaging

Integrated instant text chat with DaVinci Resolve project users.

Reset

Reset Blackmagic Cam Settings

Reset Camera Settings, Reset Camera and Cloud Settings, Reset All Settings and Erase All Content

Software

Language Support

English, Chinese, French, Japanese, Korean, Portuguese, Spanish.

Privacy

Blackmagic Design does not collect any user data from this app.

Hardware

Supported Devices

iPhone Pro Max

iPhone Pro

iPhone Plus

iPhone SE

iPad Pro

iPad Air

iPad

iPad Mini

Operating System



Supported on iPhones running iOS 16.6 or later.



Supported on iPads running iPadOS 18 or later.

Availability



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