# SlingStudio™

# The ultimate in portable, wireless multi-camera video production.

SlingStudio™ is the integrated solution for creating and sharing professional-quality content. Connect all of your cameras simultaneously. Record, monitor and edit your video, then stream live.

## VIDEO & AUDIO INPUTS

**Wireless Video Inputs**

Up to 4 monitored sources via wireless 802.11ac connectivity, supporting up to 1080p30, 720p60, and 720p30 video
*– or –*
Up to 2 monitored sources via wireless 802.11ac connectivity, supporting up to 1080p60 video

Supported wireless sources* via 802.11ac:
- ⇢ Cameras/camcorders* with HDMI output (requires CameraLink, sold separately)
- ⇢ iPhone 6* or higher (requires Capture app – free download from Apple App Store)
- ⇢ Select Android phones* with Android 5.0 Lollipop or higher
  (requires Capture app – free download from Google Play)

**HDMI Video Input**

1080i60, 1080p30, 720p60 and 720p30

HDMI Type A connector

**HDMI Video Output**

HDMI Type C connector supporting up to 1080p60 video output of program/quad view. Zero-latency option available in HDMI passthrough mode for an HDMI input source.

**Digital Audio Input**

2-channel HDMI/802.11ac-embedded audio (48 KHz, 16-bit)

**Analog Audio Input**

3.5 mm port for line-level, 2-channel unbalanced input (mic-level input requires external pre-amp or mixer)

**AV Sources Supported**

Up to 4 monitored sources* in 1080p30/720p60/720p30 modes.
Some example combinations include:
- ⇢ 2 smartphones, 1 CameraLink, 1 HDMI input
- ⇢ 3 smartphones, 1 HDMI input
- ⇢ 3 cameras/camcorder via CameraLink, 1 HDMI input
- ⇢ 4 cameras/camcorder via CameraLink
- ⇢ 4 smartphones

Up to 2 monitored sources in 1080p60.* Some example combinations include:
- ⇢ 2 cameras/camcorder via CameraLink
- ⇢ 2 smartphones
- ⇢ 1 camera/camcorder via CameraLink, 1 smartphone

**\*See supported devices at *MySlingStudio.com/compatibility.***

## MULTI-CAMERA MONITORING

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| **Multi-Camera Monitoring** | Simultaneous monitoring of up to 4 video sources on iPad Air 2 or higher (requires free download of Console app from the Apple App Store) |

## RECORDING

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| **Video Recording Formats (MP4)** | H.264 High Profile 4:2:0<br>1080p60 up to 30 Mbps<br>1080p30 up to 16 Mbps<br>720p60 up to 16 Mbps<br>720p30 up to 4 Mbps |
| **Audio Recording Format (AAC-LC)** | 2-channel 48 KHz, 16-bit up to 320 kbps |
| **Multi-Stream Recording (MP4)** | 7 simultaneous recordings of:<br>⇢ 4 video sources/inputs<br>⇢ 1 quad view of 4 inputs (video only)<br>⇢ 1 program/output stream<br>⇢ 1 line-in (audio-only) recording |
| **Recording Media Types** | SD card slot (select UHS speed class U3 and higher*)<br>USB 3.0 hard drives, SSD drives – available via USB-C port<br>(requires USB-C Expander, sold separately)<br><br>*See supported devices at *MySlingStudio.com/compatibility.* |
| **Playback** | Playback of all recordings from the Console app |
| **Timecode Syncing** | Import and time-align recordings directly to Adobe Premiere Pro CC and Apple Final Cut Pro X, saving hours in post-production editing |

## LIVESTREAMING

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| **Livestreaming** | Simultaneous recording and livestreaming of program output<br>Max. bit rate for livestreaming: 8 Mbps (input source bit rates up to 30 Mbps) |
| **Platforms Supported** | Facebook, YouTube, Twitch, Twitter/Periscope, Livestream, Ustream, Restream.io and other RTMP destinations |

## PRODUCTION SWITCHER

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| **Switcher** | Switch between 10 video sources and monitor up to 4 using the Console app running on iPad Air 2 or above (free download from the Apple App Store) |
| **Video Transitions** | Cut, dissolve, wipe, fade to/from black; programmable transition duration |
| **Video Compositions** | Picture-in-picture (PIP), multiple split views |
| **Audio Mixer** | Full audio mixer functionality with monitoring mode support |
| **Overlays** | Text overlays, lower-thirds (title and scoreboard) |
| **Import** | Importing of PNG and JPG graphics for live switching/production |

# HARDWARE

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| **Wireless** | Simultaneous Access Point and Client modes:<br>⇢ 5 GHz 802.11ac Access Point/Hotspot mode to connect to an iPad (running the Console app) and different video sources (cameras/camcorders via CameraLink and/or iOS/Android phones)<br>⇢ Dual-band 2.4 GHz and 5 GHz 802.11ac Client mode to connect to the Internet for livestreaming |
| **Interfaces** | HDMI Type A connector for video input<br>HDMI Type C connector for video output<br>SD card slot for recording (specific requirements apply*)<br>3.5 mm mini-jack for 2-channel unbalanced audio line-in input<br>USB Type C connector for connecting to hard drives or SSD drives<br>SlingStudio USB-C Expander (sold separately) for connecting to USB 3.0 drives and Ethernet<br>Power connector<br>Battery-pack connector for SlingStudio Battery (sold separately)<br><br>**\*See supported devices at *MySlingStudio.com/compatibility*.** |
| **LED Indicators** | Power status LED (top of unit)<br>Internet status LED<br>Recording status LED |
| **Buttons** | Power button for on/off<br>Reset button (pinhole) |
| **Physical Attributes** | Size: (H) 7.87" x (W) 5.59" x (D) 3.54" / (H) 200 mm x (W) 142 mm x (D) 90 mm<br>Weight: 1.43 lbs (653 g) |
| **Sound Level** | Silent – no fan or vents |
| **Power Supply** | Included<br>Input: 100–240 V, 50–60 Hz<br>Output: 12 VDC, 4.16 A |
| **Operating Temperature** | 32°F to 95°F (0° to 35°C) |
| **Humidity** | 0 to 95% (non-condensing) |

# ACCESSORIES

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| **In the Box** | Power supply<br>HDMI Type A-to-Type C cables for video input and output |
| **Sold Separately** | CameraLink (makes any camera or camcorder wirelessly connect to SlingStudio)<br>Battery Pack for portability (sold separately)<br>USB-C Expander to support wired Ethernet connectivity for livestreaming and USB 3.0 for connecting hard drives and SSD drives for recording<br>Backpack/carrying case<br>Cable management accessory (coming soon) |

# SOFTWARE APPS

**SlingStudio Console App**
(free for iPad Air 2 or higher)

Monitoring of all input sources
Recording:
- ⇢ Recording of all input sources, program stream, quad-view composite stream, and line-in audio
- ⇢ Playback of all recordings
- ⇢ Recordings are time-align-optimized for post-production workflow in Adobe Premiere Pro CC and Apple Final Cut Pro X

Switching between different sources to create a live cut/program stream
Video transitions supported: cut, dissolve, and wipe
Livestreaming to Facebook, YouTube, Twitch, Twitter/Periscope, Livestream, Ustream, Restream.io and other RTMP destinations
Editing:
- ⇢ Lower-third overlay
- ⇢ Text overlay
- ⇢ Multiple compositions (split view, PIP)
- ⇢ Saving compositions and lower-thirds

Audio mixer:
- ⇢ Mutes/unmutes audio to program mix
- ⇢ Always-on audio (ON) or audio follows video (AFV) for all video input sources
- ⇢ Mixing audio line-in input
- ⇢ Volume fader control
- ⇢ Audio metering
- ⇢ Audio monitoring of inputs and program mix

Dashboard:
- ⇢ Single location to visualize SlingStudio hotspot quality. For each connected device, the SlingStudio Hotspot Quality indicator provides real-time suggestions and troubleshooting tools for easy SlingStudio setup.
- ⇢ Information on your event settings within a project context (video production mode, storage left for recording, Internet upload speeds for livestreaming, battery of each source, and battery indication for the SlingStudio Battery)

HDMI output switching between quad-view input monitoring and program monitoring
Importing to Adobe Premiere Pro CC and Apple Final Cut Pro X
Saving lower-thirds/compositions
Recording playback
Storage:
- ⇢ SD card or USB hard drives/SSD drives
- ⇢ Real-time information on remaining hours of storage
- ⇢ Testing write speed of storage devices to validate real-time recording bit rates
- ⇢ Formatting of SD cards and USB drives

Importing JPG and PNG graphics

**SlingStudio Capture App**
(free for iPhone 6 or higher and Android 5.0 Lollipop or higher)

Support program tally
Auto exposure
Focus
Zoom
Audio meter
Manual focus/exposure lock support
Battery indicator
Seamless integration with the SlingStudio Console app to switch to different video production modes and bit rates
Seamless connection to SlingStudio wirelessly. SlingStudio Hotspot Quality indicator showing connection quality.