

Blackmagic Micro Studio Camera 4K



The Blackmagic Micro Studio Camera 4K is an incredibly tiny Ultra HD resolution camera that can be used in HD and Ultra HD video formats that can be fully controlled from the switcher via the SDI control protocol. Blackmagic Micro Studio Camera 4K includes 6G-SDI connections, built in color corrector, talkback, tally indicator, PTZ control output, built in microphones, backup battery, an adaptable MFT lens mount and B4 lens control output.

\$1,295

Camera Features

Effective Sensor Size

13.056mm x 7.344mm

Lens Control

Iris, focus, zoom on supported lenses.

Dynamic Range

11 Stops.

Shooting Resolutions

3840 x 2160, 1920 x 1080, 1280 x 720

Focus

Remote focus control via expansion connector or Blackmagic SDI Control Protocol when using compatible lenses.

Mounting Options

1 x 1/4 inch (top), 3 x 1/4 inch (bottom).

Lens Mount

Active MFT Mount.

Connections

Total Video Inputs

1 x SDI

HDMI Video Outputs

1 x HDMI Type A output. HDMI output is always HD, up to 1080p60.

Expansion Port

DB-HD15 serial connector provides support for:

Total Video Outputs

1 x SDI, 1 x HDMI Monitoring.

HDMI Audio Outputs

2 channels 48 kHz and 24-bit.

Power input

LANC input

1 x S.Bus input

PTZ output

B4 lens control output

Reference Input

SDI Rates

1.5G, 3G, 6G

Optical SDI

None

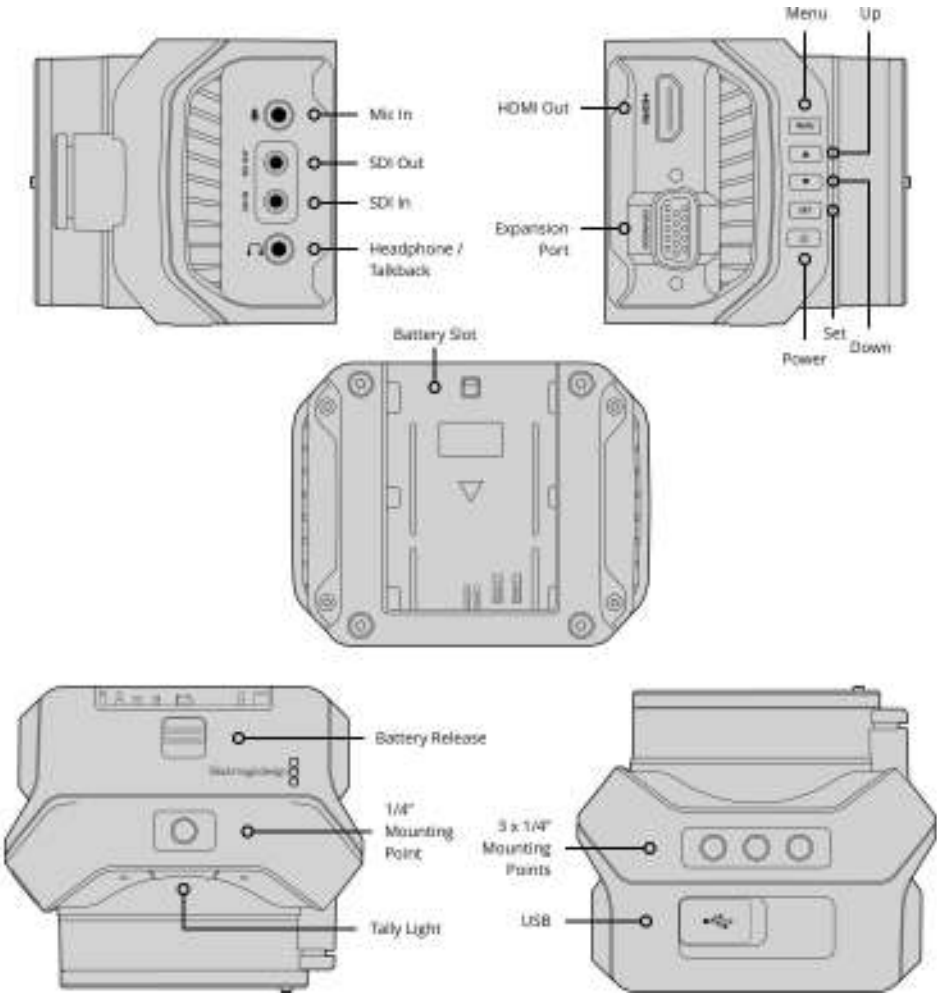
Analog Audio Input

1 x 3.5mm jack, mic or line level.

SDI Audio Outputs

2 channel embedded audio support in SDI stream.

Analog Audio Output 1 x 3.5mm headphone jack, supports iPhone microphone for talkback.	Screen Dimensions None	Computer Interface USB Mini-B port for software updates and configuration.
Reference Input Tri-Sync or Black Burst on expansion connector.	Remote Control Remote control over SDI via Blackmagic SDI Control Protocol or via expansion port using LANC or S.Bus.	



Audio

Microphone Integrated stereo microphone.	Built in Speaker None
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Standards

SD Video Standards None

HD Video Standards 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080i50, 1080i59.94 and 1080i60	Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97 and 2160p30 SDI Compliance SMPTE 292M, SMPTE 424M, SMPTE 2081-1	SDI Audio Sampling Television standard sample rate of 48kHz and 24-bit.
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Media

Media None	Media Format None
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Supported Codecs

Codecs None

Control

Controls 5 control buttons including Set, Up, Down, Menu, and Power.	External Control Blackmagic SDI Control Protocol. Expansion connector has LANC, S.Bus and PWM for lens and other settings control.
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Color Corrector

Color Corrector DaVinci YRGB.

Talkback and Tally

Live Tally Indicator 1 x for talent.	Talkback SDI Channels 15 and 16.
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Software

Software Included Blackmagic Camera Setup.
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Operating Systems



macOS 10.12 Sierra,
macOS High Sierra 10.13 or later.



Windows 8.1 or Windows 10.

Power Requirements

Power Supply

1 x External 12V power supply. LP-E6
Lithium-Ion battery included.

Battery Life

Approximately 1 hour 10 minutes.

Physical Specifications



Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

Blackmagic Micro Studio Camera 4K
Expansion cable
LP-E6 battery
Turret dust cap
12V AC Adapter
SD card with software and manual

Warranty

12 Month Limited Manufacturer's Warranty

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