

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

Shooting Resolutions

3840 x 2160, 1920 x 1080

Lens Mount

Active MFT Mount

Lens Control

Iris, focus, zoom on supported lenses.

Focus

Remote focus control via expansion connector or ATEM Switcher CCU protocols via SDI when using compatible lenses.

Dynamic Range

11 Stops.

Mounting Options

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

Connections

Total Video Inputs

1 x SDI.

Total Video Outputs

1 x SDI, 1 x HDMI Monitoring.

SDI Rates

1.5G, 3G, 6G.

Optical SDI

None.

SDI Audio Outputs

2 channel embedded audio support in SDI stream.

HDMI Video Outputs

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

HDMI Audio Outputs

2 channels 48 kHz and 24-bit .

Expansion Port

DB-HD15 serial connector provides support for:

Power input

LANC input

1 x S.Bus channel input

PTZ output

B4 lens control output

Genlock input

Analog Audio Input

1 x 3.5mm jack, mic or line.

Analog Audio Output

1 x 3.5mm headphone jack, supports iPhone microphone for talkback.

Reference Input

Tri-Sync or Black Burst on expansion connector

Screen Dimensions

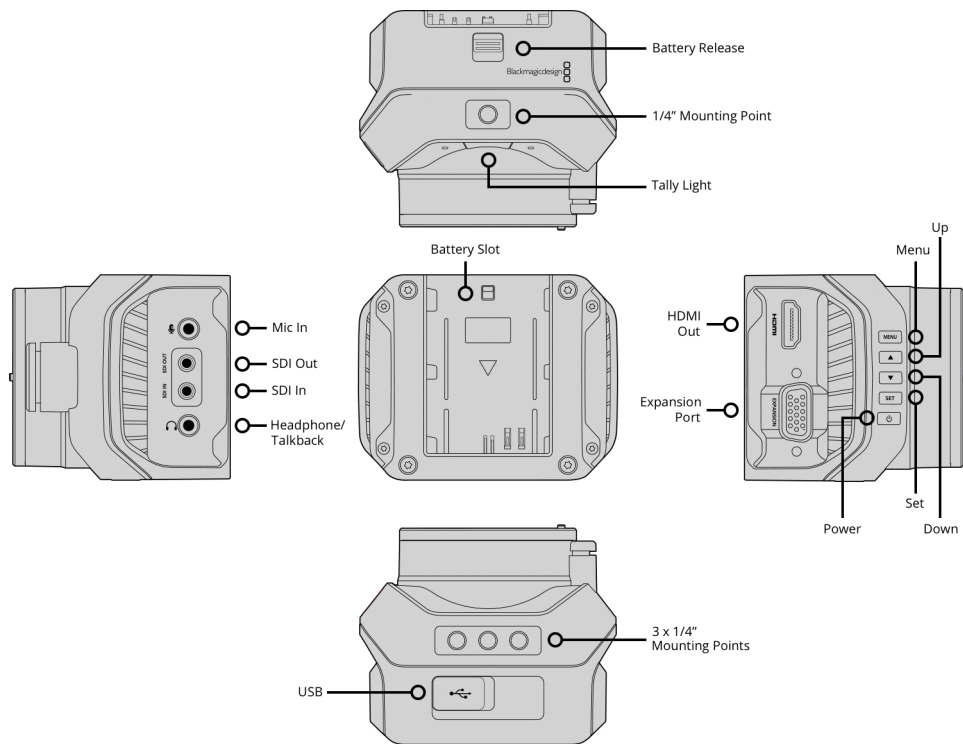
None.

Remote Control

Remote control over SDI via ATEM Switcher CCU protocols or via expansion port using LANC or S.Bus.

Computer Interface

USB Mini-B port for software updates and configuration.



Audio

Microphone

Integrated stereo microphone.

Built in Speaker

None.

Standards

SD Video Standards

None.

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
2160p29.97 and 2160p30

SDI Audio Sampling

Television standard sample rate of
48kHz and 24-bit

HD Video Standards

1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60, 1080i50,
1080i59.94 and 1080i60

SDI Compliance

SMPTE 292M, SMPTE 424M, Draft
SMPTE 2081-1

Media

Media

None.

Media Format

None.

Supported Codecs

Codecs

None.

Control

Controls

5 control buttons including Set, Up, Down, Menu, and Power.

External Control

Blackmagic SDI Control Protocol.
2.5mm LANC connection for lens control. Expansion connector has S.Bus and PTZ.

Color Corrector

Color Corrector

DaVinci YRGB.

Talkback And Tally

Live Tally Indicator

1 x for talent, 1 x for operator.

Talkback

SDI Channels 15 and 16.

Software

Software Included

Blackmagic Camera Setup

Operating Systems



Mac OS X 10.11 El Capitan,
macOS Sierra 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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