

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

Sensor Size

13.056mm x 7.344mm

Shooting Resolutions

3840 x 2160, 1920 x 1080

Frame Rates

HD 1080p23.98, 24, 25, 29.97, 30, 50, 59.97, 60, 1080i50, 59.94, Ultra HD 2160p23.98, 24, 25, 29.97, 30

Focus

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

Iris Control

Iris control via Up and Down buttons, remote control via expansion connector or ATEM Switcher CCU protocols via SDI when using compatible lenses.

Lens Mount

Active MFT mount

Controls

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

Microphone

Integrated stereo microphone.

Mounting Options

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

Connections

SDI Video Output

1 x 6G-SDI 10-bit 4:2:2 via DIN 1.0/2.3 connector.

SDI Video Input

1 x 6G-SDI 10-bit 4:2:2 via DIN 1.0/2.3 connector.

SDI Audio Output

2 channel embedded audio support in SDI stream.

HDMI Video Output

1 x HDMI Type A output. HDMI output is always in HD 1080p.

HDMI Audio Output

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

Audio Input

1 x 3.5mm stereo audio mic or line level.

Audio Output

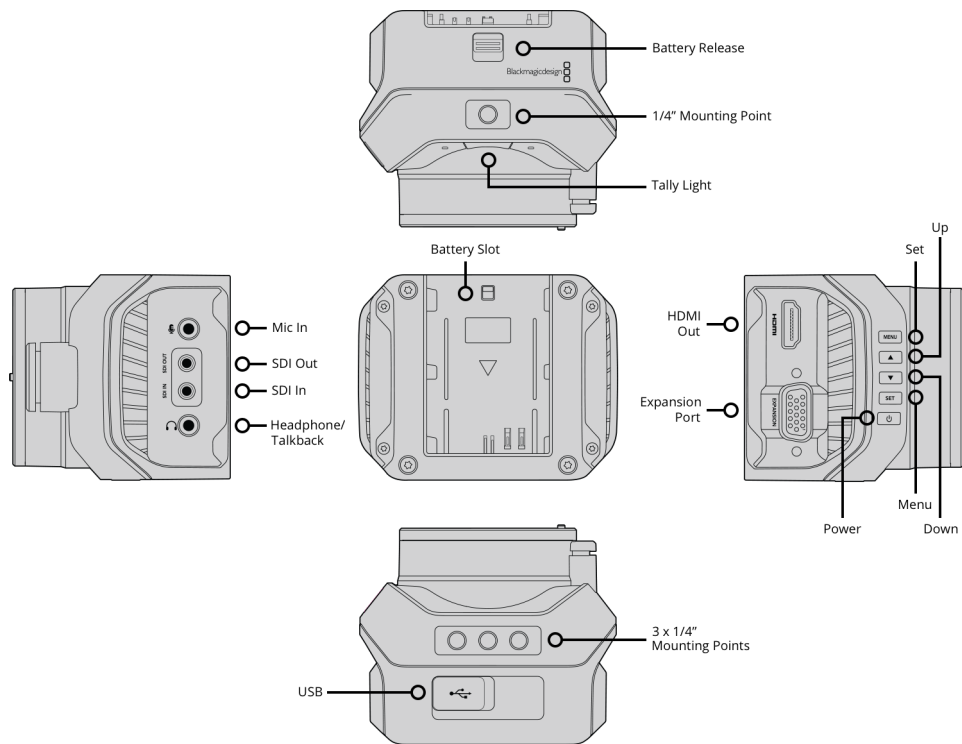
1 x 3.5mm stereo connector for stereo headphones, compatible with iPhone headsets for talkback.

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.



Standards

SDI Compliance

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

SDI Audio Sampling

Television standard sample rate of 48kHz and 24-bit

Software

Software Included

Blackmagic Camera Setup

Operating Systems



Mac OS X 10.9 Mavericks, Mac OS X 10.10 Yosemite or later.



Windows 7 or Windows 8.

Power Requirements

Battery Type

Canon LP-E6

Battery Life

Approximately 1 hour 10 minutes

External Power Input

12-20V

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

Warranty

12 Month Limited Manufacturer's Warranty

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