Blackmagicdesign

Blackmagic Studio Camera 4K

The Blackmagic Studio Camera 4K is the live broadcast camera that's ready for multi camera Ultra HD production today. Featuring a massive 10 inch viewfinder, MFT lens mount, talkback, tally indicators, phantom powered microphone connections, 12G-SDI and user upgradeable optical fiber connections that let you connect to your switcher with a single cable! The advanced 4K model is switchable to 1080 HD, that means you can work in HD today and you're always ready for Ultra HD production.

$1,695

Camera Features

Effective Sensor Size
13.056mm x 7.344mm

Focus
Auto focus. Peaking mode

Lens Mount
Active MFT Mount

Lens Control
Iris, focus, zoom on supported lenses

Dynamic Range
11 Stops

Screen Dimensions
1 x 10.1 inch 1920 x 1200

Screen Type
10.1 inch - TFT-LCD

Mounting Options
2 x 3/8" tripod mount. 4 x 1/4""-20 UNC thread mounting points on top of camera. 3 x 1/4" 20 UNC thread mounting points left on right of camera

Connections

Total Video Inputs
1 x SDI

Total Video Outputs
1 x SDI

SDI Rates
1.5G, 3G, 6G, 12G

Optical SDI
Supports optional SMPTE optical module

Optical Fiber Input/Outputs
12G Optical Fiber Input and Output capable

Optical fiber SFP module sold separately

Analog Audio Inputs
2 x XLR , phantom power

Analog Audio Outputs
Aviation headphone jacks (Fixed Wing Plugs) output for talkback and audio monitoring

Reference Input
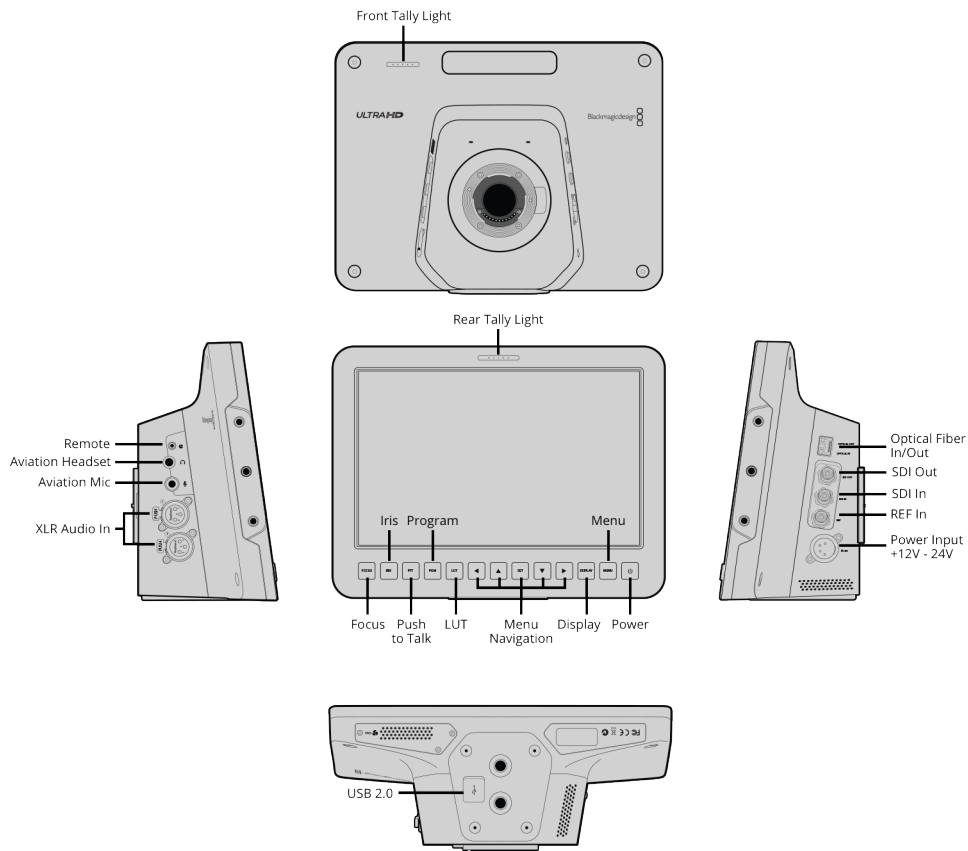Tri-Sync or Black Burst.

SDI Audio Outputs
2 channels in 12G-SDI 48Khz and 24 bit. 2 channels for talkback on channel 15-16

Remote Control
1 x 2.5mm LANC for Iris Control and Focus. SDI CCU control from ATEM

Computer Interface
USB 2.0 Mini-B port for software updates

Front Tally Light

Rear Tally Light

Remote
Aviation Headset
Aviation Mic

XLR Audio In

Iris Program   Menu

Focus Push   LUT   Menu   Display Power
       to Talk   Navigation

Optical Fiber
In/Out
SDI Out
SDI In
REF In
Power Input
+12V - 24V

USB 2.0

Audio

Microphone
Integrated stereo microphone

Built in Speaker
None

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, 2160p30, 2160p50,
2160p59.94 and 2160p60

SDI Compliance
SMPTE 292M, SMPTE 424M Level B,
SMPTE 2081-1, SMPTE 2082-1

SDI Audio Sampling
48 kHz and 24-bit

Media

Media
None

Media Format
None

Supported Codecs

Codecs
None

Control

Controls
Push button controls for navigating menus

External Control
Blackmagic SDI Control Protocol. 2.5 mm LANC connection for lens control

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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 for Mac OS X and Windows

Operating Systems

Mac OS X 10.11 El Capitan, macOS 10.12 Sierra or later.

Windows 8.1 or Windows 10.

Power Requirements

1 x External 12V power supply

Optional Accessories

SMPTE compatible SFP Optical Module
ATEM Talkback Converter 4K

Physical Specifications

10.05 in   4.47 in   7.66 in

LB
4.44 lb

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 Studio Camera 4K
Sun Shield and attachment screws
Turret Dust Cap
12V AC Adapter
SD card with software and manual

Warranty

12 Month Limited Manufacturer's Warranty

Blackmagic Design Authorized Reseller