

Blackmagic PYXIS 6K



3 245 €*

Blackmagic PYXIS 6K is an advanced digital film camera with an incredibly versatile design that lets you build the perfect camera rig for your production. This new model features a 6048 x 4032 full frame HDR sensor with built in optical low pass filter, dual native ISO, dual CFexpress media slots, all in a customizable body with flexible mounting options and side plates. Blackmagic PYXIS 6K is available in three different models with fixed L-Mount, PL or locking EF lens mounts.

Kamera-Features

Effektive Sensorgröße

36mm x 24mm (Full Frame)

Objektivanschluss

Active L-Mount.

Blendensteuerung

Iris and focus on supported lenses.

Dynamikumfang

13 Stops.

Dual Native ISO

400 and 3200

Auflösungen zum Filmen

6048 x 4032 (Open Gate 3:2) bis zu 36 fps

4832 x 4032 (Anamorphic 6:5) bis zu 36 fps

6048 x 3200 (6K DCI 17:9) bis zu 48 fps

6048 x 2520 (6K 2,4:1) bis zu 60 fps
4096 x 3072 (Super 35 4:3) bis zu 50 fps

4096 x 2160 (4K DCI 17:9) bis zu 60 fps

2112 x 1184 (Super 16 16:9) bis zu 100 fps

1920 x 1080 (1080 HD 16:9) bis zu 120 fps

Frameraten

Maximum sensor frame rate dependent on resolution and codec selected. Project frame rates of 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60 fps supported.

Off-speed frame rates up to 60 fps in 6K 2.4:1 and 4K DCI 17:9, 100 fps in Super 16 16:9 and 120 fps in 1080HD.

Fokussierung

Auto focus available using compatible lenses.

Blendensteuerung

Iris wheel and touchscreen slider for manual iris adjustment on electronically controllable lenses, iris button for instant auto iris settings on compatible lenses.

Bildschirmabmessungen

4" 1920 x 1080.

Bildschirmhelligkeit

1500 nits

Bildschirmtyp

LCD capacitive touchscreen.

Metadatenunterstützung

Automatically populated lens data from electronic L-Mount lenses. Automatic recording of camera settings, motion sensor data plus slate data such as project, scene number, take and special notes. A 3D LUT can also be embedded in metadata of Blackmagic RAW files.

Bedienelemente

Touchscreen menus on 4 inch screen.
1 x Power Switch, 1 x Record Button,
1 x Stills Button, 1 x Scroll Wheel with
push, 1 x ISO Button, 1 x White
Balance, 1 x Shutter Button,
3 x software configurable Fn buttons,
1 x Focus Button, 1 x IRIS Button,
1 x High Frame Rate (HFR) Button,
1 x Zoom Button, 1 x Menu Button,
1 x Playback Button, 1 x Next Clip
Button, 1 x Previous Clip Button,
1 x Lock Switch.

Timecode-Generator

Highly accurate timecode clock.
Less than 1 frame drift every 8 hours.

Anschlüsse

Videoeingänge insgesamt

Keine

Videoausgänge insgesamt

1 x 12G-SDI up to 2160p60
1 x Viewfinder USB-C with power,
data, video and locking connector.

Analoge Audioeingänge

1 x mini XLR analog audio in,
switchable between
mic with phantom power support and
line level
(up to +14dBu).
1 x 3.5mm Stereo Input.

Analoge Audioausgänge

1 x 3.5mm headphone jack.

Referenzeingänge

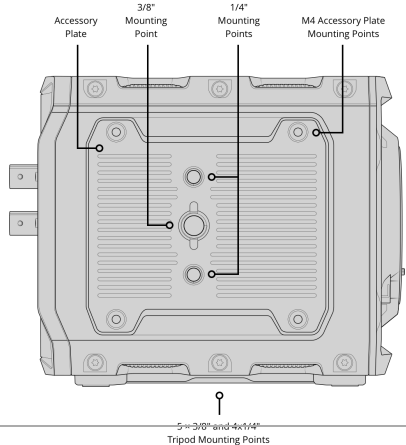
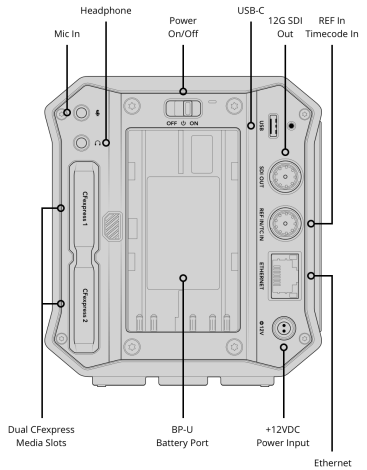
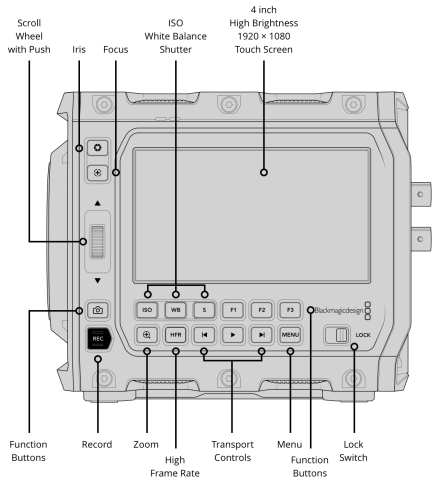
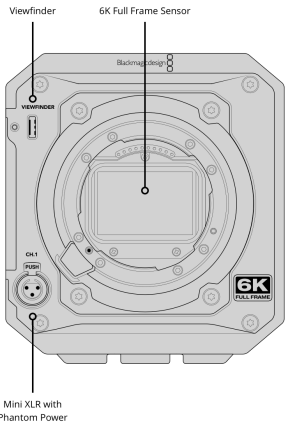
Tri-Sync/Black Burst and Timecode.

Computer-Schnittstelle

USB Type-C for external drive
recording,
PTP camera control and
software updates.

Ethernet

1 x 1Gb/s RJ-45 connector supporting
10/100/1000 BASE-T.



Audio

Mikrofone

Integrated stereo microphone.

Eingebauter Lautsprecher

1 x mono speaker.

Medien

Medien

2 x CFexpress Type B card slot, 1 x USB-C 3.1 Gen 1 expansion port for external media for Blackmagic RAW and H.264 Proxy Recording.

Bitte entnehmen Sie Näheres zu kompatiblen Datenträgern der Bedienungsanleitung oder der Informationsnotiz

unter www.blackmagicdesign.com/de/support

Speicherträgerformat

Can format media to ExFAT (Windows/Mac) or HFS+ (Mac) file systems.

Unterstützte Codecs

Codecs

Blackmagic RAW Constant Bitrate 3:1,
Blackmagic RAW Constant Bitrate 5:1,
Blackmagic RAW Constant Bitrate 8:1,
Blackmagic RAW Constant Bitrate 12:1,

Blackmagic RAW Constant Quality Q0,
Blackmagic RAW Constant Quality Q1,
Blackmagic RAW Constant Quality Q3,
Blackmagic RAW Constant Quality Q5,
H.264 Proxy in 1920 x 1080, 8 bit 4:2:0

Steuerung

Externe Steuerung

Blackmagic Zoom Demand and Blackmagic Focus Demand for controlling your camera and lens from tripod handles.

iPad control, Bluetooth control, USB PTP camera control. External control of some camera settings, focus, iris and zoom with compatible lenses. Camera Control REST API over Ethernet for external control via HTTP when used with REST client applications such as Postman.

Speicher-Features

Speichertyp

1 x CFexpress Type B

1 x high speed USB-C expansion port for external media.

Aufnahmeformate

Blackmagic RAW 3:1, 5:1, 8:1, 12:1, Q0, Q1, Q3 and Q5 at 6048 x 4032, 4832 x 4032, 6048 x 3200, 6048 x 2520, 4096 x 3072, 4096 x 2160, 2112 x 1184 and 1920 x 1080 with film, extended video, video dynamic range or custom 3D LUT embedded in metadata.

Supports recording optional portrait mode metadata for all resolutions in Blackmagic RAW and H.264 Proxies.

Speicherraten

Storage rates based on 30 frames per second.

6048 x 4032 (6K Open Gate 3:2)	4096 x 3072 (Super 35 4:3)
Blackmagic RAW 3:1 - 370 MB/s	Blackmagic RAW 3:1 - 192 MB/s
Blackmagic RAW 5:1 - 223 MB/s	Blackmagic RAW 5:1 - 116 MB/s
Blackmagic RAW 8:1 - 140 MB/s	Blackmagic RAW 8:1 - 73 MB/s
Blackmagic RAW 12:1 - 94 MB/s	Blackmagic RAW 12:1 - 49 MB/s
Blackmagic RAW Q0 - 278–555 MB/s	Blackmagic RAW Q0 - 145–288 MB/s
Blackmagic RAW Q1 - 186–444 MB/s	Blackmagic RAW Q1 - 97–231 MB/s
Blackmagic RAW Q3 - 124–318 MB/s	Blackmagic RAW Q3 - 65–165 MB/s
Blackmagic RAW Q5 - 75–186 MB/s	Blackmagic RAW Q5 - 39–97 MB/s
4832 x 4032 (Anamorphic 6:5)	4096 x 2160 (4K DCI 17:9)
Blackmagic RAW 3:1 - 297 MB/s	Blackmagic RAW 3:1 - 136 MB/s
Blackmagic RAW 5:1 - 179 MB/s	Blackmagic RAW 5:1 - 82 MB/s
Blackmagic RAW 8:1 - 112 MB/s	Blackmagic RAW 8:1 - 52 MB/s
Blackmagic RAW 12:1 - 75 MB/s	Blackmagic RAW 12:1 - 35 MB/s
Blackmagic RAW Q0 - 223–445 MB/s	Blackmagic RAW Q0 - 102–203 MB/s
Blackmagic RAW Q1 - 149–356 MB/s	Blackmagic RAW Q1 - 69–163 MB/s
Blackmagic RAW Q3 - 100–255 MB/s	Blackmagic RAW Q3 - 46–117 MB/s
Blackmagic RAW Q5 - 60–149 MB/s	Blackmagic RAW Q5 - 28–69 MB/s
6048 x 3200 (6K DCI 17:9)	2112 x 1184 (Super 16 16:9)
Blackmagic RAW 3:1 - 295 MB/s	Blackmagic RAW 3:1 - 40 MB/s
Blackmagic RAW 5:1 - 177 MB/s	Blackmagic RAW 5:1 - 24 MB/s
Blackmagic RAW 8:1 - 111 MB/s	Blackmagic RAW 8:1 - 16 MB/s
Blackmagic RAW 12:1 - 75 MB/s	Blackmagic RAW 12:1 - 11 MB/s
Blackmagic RAW Q0 - 221–441 MB/s	Blackmagic RAW Q0 - 30–59 MB/s
Blackmagic RAW Q1 - 148–353 MB/s	Blackmagic RAW Q1 - 21–48 MB/s
Blackmagic RAW Q3 - 99–253 MB/s	Blackmagic RAW Q3 - 14–34 MB/s
Blackmagic RAW Q5 - 60–148 MB/s	Blackmagic RAW Q5 - 9–21 MB/s
6048 x 2520 (6K 2,4:1)	1920 x 1080
Blackmagic RAW 3:1 - 233 MB/s	Blackmagic RAW 3:1 - 33 MB/s
Blackmagic RAW 5:1 - 140 MB/s	Blackmagic RAW 5:1 - 20 MB/s
Blackmagic RAW 8:1 - 88 MB/s	Blackmagic RAW 8:1 - 13 MB/s
Blackmagic RAW 12:1 - 59 MB/s	Blackmagic RAW 12:1 - 9 MB/s
Blackmagic RAW Q0 - 175–348 MB/s	Blackmagic RAW Q0 - 25–49 MB/s
Blackmagic RAW Q1 - 117–279 MB/s	Blackmagic RAW Q1 - 17–40 MB/s
Blackmagic RAW Q3 - 78–199 MB/s	Blackmagic RAW Q3 - 12–29 MB/s
Blackmagic RAW Q5 - 47–117 MB/s	Blackmagic RAW Q5 - 8–17 MB/s

Constant Quality storage rates quoted are indicative only.

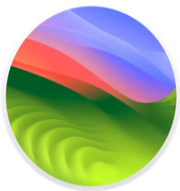
Actual storage rates are entirely dependent on image subject matter.

Software

Inbegriffene Software

Blackmagic OS
DaVinci Resolve Studio for Mac and Windows including activation key
Blackmagic Camera Setup
Blackmagic RAW Player
Blackmagic RAW QuickLook Plugin
Blackmagic RAW SDK
Blackmagic RAW Speed Test

Betriebssysteme



Mac 13.0 Ventura,
Mac 14.0 Sonoma oder höher



Windows 10 und 11

Strombedarf

Stromversorgung

1 x External 12V power supply.

Eingang für die externe

Stromversorgung

1 x 2-pin locking connector.

Akkutyp

BP-U

Leistung

11-19.5V

Zubehör

Optionales Zubehör

Blackmagic URSA Cine Handle
Blackmagic URSA Cine EVF
Blackmagic PYXIS Rosette Plate

Physische Spezifikationen



Umgebung

Betriebstemperatur

0° to 40°C (32° to 104°F)

Lagerungstemperatur

-20° to 45°C (-4° to 113°F)

Relative Luftfeuchtigkeit

0% to 90% non-condensing

Im Lieferumfang enthalten

Blackmagic PYXIS 6K
Lens turret dust cap
PYXIS Standard Plate
PYXIS SSD Plate
60W power supply with locking connector and international adapters
Welcome booklet
DaVinci Resolve Studio activation key

Garantie

Produktgarantie

12 Monate eingeschränkte Herstellergarantie

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