

Blackmagic PYXIS 6K



€2 725

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.

Caratteristiche

Dimensione effettiva del sensore

36mm x 24mm (Full Frame)

Attacco obiettivo

Active L-Mount.

Controllo obiettivo

Iris and focus on supported lenses.

Gamma dinamica

13 Stops.

Doppio ISO nativo

400 and 3200

Risoluzioni di ripresa

6048 x 4032 (Open Gate 3:2) fino a 36 fps

4832 x 4032 (Anamorphic 6:5) fino a 36 fps

6048 x 3200 (6K DCI 17:9) fino a 48 fps

6048 x 2520 (6K 2.4:1) fino a 60 fps

4096 x 3072 (Super 35 4:3) fino a 50 fps

4096 x 2160 (4K DCI 17:9) fino a 60 fps

2112 x 1184 (Super 16 16:9) fino a 100 fps

1920 x 1080 (1080 HD 16:9) fino a 120 fps

Frame rate

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.

Messa a fuoco

Auto focus available using compatible lenses.

Diaframma

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

Dimensioni display

4" 1920 x 1080

Luminosità display

1500 nits

Tipo display

LCD capacitive touchscreen.

Supporto per metadati

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.

Controlli

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

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

Connessioni**Ingressi video**

No

Uscite video

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

Ingressi audio analogico

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.

Uscite audio analogico

1 x 3.5mm headphone jack.

Ingressi di riferimento

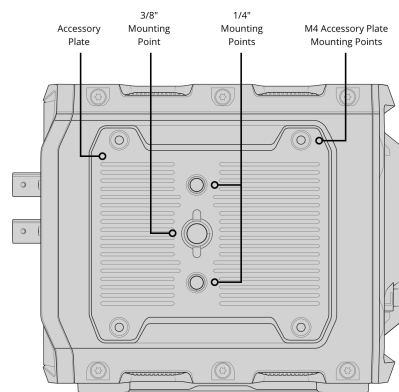
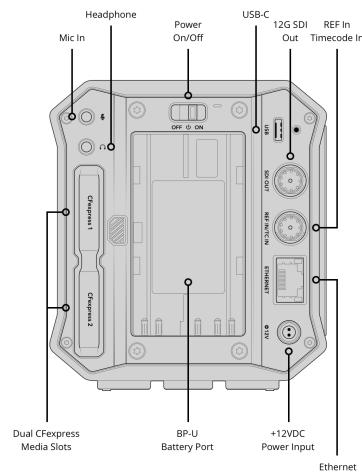
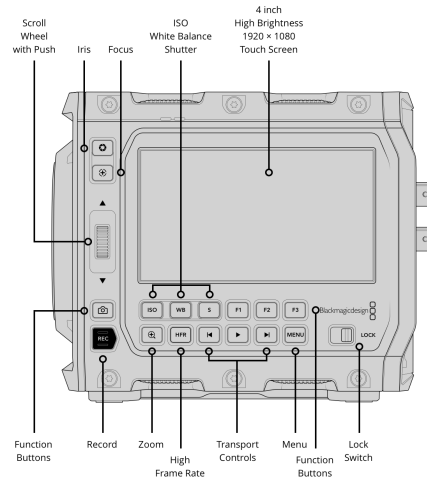
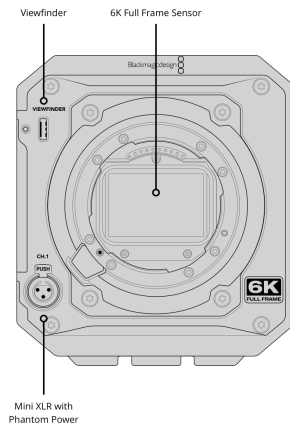
Tri-Sync/Black Burst and Timecode.

Interfaccia computer

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.



5x3/8" and 4x1/4"
Tripod Mounting Points

Audio

Microfono

Integrated stereo microphone.

Speaker integrato

1 x mono speaker.

Media

Media

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.

Per la lista delle schede compatibili consulta il manuale o le note di supporto alla pagina www.blackmagicdesign.com/it/support

Formattazione

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

Codec compatibili

Codec

Blackmagic RAW, bitrate costante 3:1

Blackmagic RAW, bitrate costante 5:1

Blackmagic RAW, bitrate costante 8:1

Blackmagic RAW, bitrate costante 12:1

Blackmagic RAW, qualità costante Q0

Blackmagic RAW, qualità costante Q1

Blackmagic RAW, qualità costante Q3

Blackmagic RAW, qualità costante Q5

H.264 Proxy in 1920 x 1080, 8-bit 4:2:0

Controllo

Controllo esterno

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.

Archiviazione

Tipo di archiviazione

1 x CFexpress Type B

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

Formati di registrazione

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.

Frequenze di archiviazione

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 a 555 MB/s	Blackmagic RAW Q0 - 145 a 288 MB/s
Blackmagic RAW Q1 - 186 a 444 MB/s	Blackmagic RAW Q1 - 97 a 231 MB/s
Blackmagic RAW Q3 - 124 a 318 MB/s	Blackmagic RAW Q3 - 65 a 165 MB/s
Blackmagic RAW Q5 - 75 a 186 MB/s	Blackmagic RAW Q5 - 39 a 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 a 445 MB/s	Blackmagic RAW Q0 - 102 a 203 MB/s
Blackmagic RAW Q1 - 149 a 356 MB/s	Blackmagic RAW Q1 - 69 a 163 MB/s
Blackmagic RAW Q3 - 100 a 255 MB/s	Blackmagic RAW Q3 - 46 a 117 MB/s
Blackmagic RAW Q5 - 60 a 149 MB/s	Blackmagic RAW Q5 - 28 a 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 a 441 MB/s	Blackmagic RAW Q0 - 30 a 59 MB/s
Blackmagic RAW Q1 - 148 a 353 MB/s	Blackmagic RAW Q1 - 21 a 48 MB/s
Blackmagic RAW Q3 - 99 a 253 MB/s	Blackmagic RAW Q3 - 14 a 34 MB/s
Blackmagic RAW Q5 - 60 a 148 MB/s	Blackmagic RAW Q5 - 9 a 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 a 348 MB/s	Blackmagic RAW Q0 - 25 a 49 MB/s
Blackmagic RAW Q1 - 117 a 279 MB/s	Blackmagic RAW Q1 - 17 a 40 MB/s
Blackmagic RAW Q3 - 78 a 199 MB/s	Blackmagic RAW Q3 - 12 a 29 MB/s
Blackmagic RAW Q5 - 47 a 117 MB/s	Blackmagic RAW Q5 - 8 a 17 MB/s

Constant Quality storage rates quoted are indicative only.

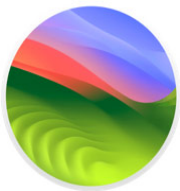
Actual storage rates are entirely dependent on image subject matter.

Software

Software inclusi

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

Sistemi operativi



Mac 13.0 Ventura,
Mac 14.0 Sonoma o successivo



Windows 10 e 11

Requisiti di alimentazione

Alimentazione

1 x External 12V power supply.

Batterie compatibili

BP-U

Ingresso per alimentazione esterna

1 x 2-pin locking connector.

Prestazioni

11-19.5V

Accessori

Accessori opzionali

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

Specifiche fisiche



Specifiche ambientali

Temperatura operativa

0° to 40°C (32° to 104°F)

Temperatura di stoccaggio

-20° to 45°C (-4° to 113°F)

Umidità relativa

0% to 90% non-condensing

Il prodotto include

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

Garanzia

Garanzia del prodotto

Garanzia limitata di 12 mesi fornita dal produttore

Rivenditore autorizzato di Blackmagic Design