



KOMODO™ 6K

COMPACT CINEMA CAMERA FEATURING RED'S UNPARALLELED IMAGE QUALITY, COLOR SCIENCE, AND GROUNDBREAKING GLOBAL SHUTTER SENSOR TECHNOLOGY IN A SHOCKINGLY SMALL AND VERSATILE FORM FACTOR.

| SENSOR SPECS | |
|--|---|
| SENSOR | KOMODO™ 19.9 MP Super 35mm Global Shutter CMOS |
| EFFECTIVE PIXELS | 6144 (h) x 3240 (v) |
| SENSOR SIZE | 27.03 mm x 14.26 mm (Diagonal 30.56 mm) |
| DYNAMIC RANGE | 16+ stops |
| LENS MOUNT | |
| MOUNT TYPE | RF mount Accepts Canon RF mount-based lens adaptors for diverse lens choices Supports Canon EF with full electronic communication via compatible Canon RF mount adapters, and supports mechanically operated RF lenses (electronic control of Canon RF lenses not supported at this time) ¹ |
| RECORDING | |
| MAX DATA RATES | Up to 280 MB/s using RED Pro CFast and qualified CFast 2.0 memory cards ¹ |
| REDCODE® RAW MAX FRAME RATES | 40 fps at 6K 17:9 (6144 x 3240) 50 fps at 5K 17:9 (5120 x 2700) 60 fps at 4K 17:9 (4096 x 2160) 120 fps at 2K 17:9 (2048 x 1080) |
| PLAYBACK FRAME RATES (PROJECT TIME BASE) | 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 fps, all resolutions |
| BEST AVAILABLE REDCODE® SETTINGS | REDCODE HQ, MQ and LQ at 6K 17:9 (6144 x 3240) up to 40 fps REDCODE HQ, MQ and LQ at 4K 17:9 (4096 x 2160) up to 60 fps REDCODE HQ, MQ and LQ at 2K 17:9 (2048 x 1080) up to 120 fps |
| REDCODE® RAW ACQUISITION FORMATS | 6K 17:9 (6144 x 3240) 2:4:1 and 16:9 5K 17:9 (5120 x 2700) 4K 17:9 (4096 x 2160) 2K 17:9 (2048 x 1080) |
| APPLE PRORES | 4K (4096 x 2160) at ProRes 422 HQ and ProRes 422 up to 60 fps 2K (2048 x 1080) at ProRes 422 HQ and ProRes 422 up to 120 fps |
| GENERAL | |
| CONSTRUCTION | Aluminum Alloy |
| WEIGHT | 2.10 lbs (without body cap and CFast card) |
| BATTERY TYPE | Two slots for Canon BP-9XX series batteries |
| DC POWER INPUT | +7 to +17 V DC via the integrated 2-pin DC-IN port |
| OPERATING TEMPERATURE | 0°C to 40°C (32°F to 104°F) |
| STORAGE TEMPERATURE | -20°C to 50° C (-4°F to 122°F) |
| STORAGE RELATIVE HUMIDITY | 0% to 85% non-condensing |
| FEATURES | |
| COLOR MANAGEMENT | Image Processing Pipeline (IPP2) Supports 33x33x33 3D LUTs Supports import of CDLs |
| AUDIO | Integrated dual channel digital stereo microphones, uncompressed, 24-bit 48 kHz Additional dual channel via integrated 3.5mm audio jack, uncompressed, 24-bit 48 kHz |
| REMOTE CONTROL | WiFi for camera control via interchangeable antenna with SMA connection Genlock, Timecode-in, GPIO and Ctrl (RS232) via the integrated 9-pin EXT port Wired control via KOMODO Link Adaptor, using USB-C or Gigabit Ethernet (compatible USB-C to Ethernet adapter ¹ required) allowing camera control and live MJPEG preview video feed |
| MONITOR OUTPUTS | Integrated 12G-SDI with 6G-SDI and 3G-SDI modes 12G-SDI: Up to 4096 x 2160 4:2:2 for 60p 6G-SDI: Up to 4096 x 2160 4:2:2 for 30p 3G-SDI: Up to 2048 x 1080 4:2:2 for 60p 1.5G-SDI: Up to 2048 x 1080 4:2:2 for 30p, 24p SMPTE Timecode, HANC Metadata, 24-bit 48 kHz Audio |
| MONITOR OPTIONS | Integrated 2.9" 1440x1440 touchscreen LCD with preview and camera control Wireless live preview video feed via 2.4Ghz/5Ghz WiFi for framing |
| SOFTWARE | |
| RED CONTROL | Access full camera controls and live preview from iOS or Android devices. Available from the Apple App Store and Google Play Store. RED Control works wirelessly or wired via the KOMODO Link Adaptor (sold separately). |

Tech specs reflect both current and projected information. Everything is subject to change.
1. For more information on compatible accessories, go to RED.com

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