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 6K 2.4:1 (6144 x 2592) 48 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	Alluminum 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 adapter1 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	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