

KOMODO-X

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| SENSOR TYPE | KOMODO-X 19.9MP Super 35mm Global Shutter CMOS |
| EFFECTIVE PIXELS | 6144 x 3240 |
| SENSOR SIZE | 27.03 mm x 14.26 mm (Diagonal: 30.56mm) |
| DYNAMIC RANGE | 16.5+ stops |
| MOUNT TYPE | Integrated locking RF mount with electronic communication Supports /i PL lenses with RED® RF to PL Adapters Supports Canon EF Adapter with communication and other adapters based on the RF mount |
| MAX DATA RATES | Up to 560 MB/s using RED branded or other qualified CFexpress media cards[1] |
| REDCODE® RAW MAX FRAME RATES | 80 fps at 6K 17:9 (6144 x 3240) 96 fps at 5K 17:9 (5120 x 2700)) 120 fps at 4K 17:9 (4096 x 2160) 240 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, LQ, and ELQ at 6K 17:9 (6144 x 3240) up to 80 fps REDCODE HQ, MQ, LQ, and ELQ at 4K 17:9 (4096 x 2160) up to 120 fps REDCODE HQ, MQ, LQ, and ELQ at 2K 17:9 (2048 x 1080) up to 240 fps |

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| REDCODE® RAW ACQUISITION FORMATS | 6K 17:9 (6144 x 3240), 2:1, 2.4:1, 16:9. 1:1, and Anamorphic 2x, 1.8x, 1.6x, 1.5x, 1.3x, 1.25x 5K 17:9 (5120 x 2700) and 16:9 4K 17:9 (4096 x 2160) and 16:9 2K 17:9 (2048 x 1080) |
| APPLE PRORES | Dedicated recording in 4K (4096 x 2160) ProRes 4444 XQ up to 60 fps, ProRes 4444 up to 80 fps, and ProRes 422 HQ, ProRes 422, and ProRes 422 LT up to 120 fps |
| CONSTRUCTION | Aluminum Alloy |
| DIMENSIONS | 129.37 x 101.26 x 95.26 mm / 5.1 x 4 x 3.8 in (LxWxH, largest fixed dims.) |
| WEIGHT | 2.62lbs (without body cap and CFexpress card) |
| MEDIA TYPE | CFexpress Type B |
| BATTERY TYPE | Integrated V-Lock battery interface optimized for Micro V-Lock Batteries[1] |
| DC POWER INPUT | 11-17V via 6-pin DC-IN |
| 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 |

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| COLOR MANAGEMENT | Image Processing Pipeline 2 (IPP2) Supports 33×33×33 3D LUTs Supports import and adjustment of CDLs |
| AUDIO | Integrated dual channel digital mono microphones, uncompressed, 24-bit 48 kHz Integrated dual channel (mic/line/+48V) input via 5-Pin 00B Audio Port, uncompressed, 24-bit 48 kHz |
| AUTOFOCUS | Phase Detect and Contrast |
| MONITOR OPTIONS | Proprietary Top Accessory Port for Monitoring and Control Integrated 2.9" 1440x1440 touchscreen LCD with preview and camera control Integrated 12G-SDI with 6G-SDI, 3G-SDI and 1.5G-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 |
| ADDITIONAL I/O | Tri-Level Genlock Input via 9-Pin EXT LTC Timecode Input via 9-Pin EXT RS232 CTRL (using RCP2) via 9-Pin EXT |

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| IP CONNECTED | <p>Wi-Fi (2.4GHz/5GHz) for camera control, video preview, and media offloading</p> <p>Ethernet via USB Type-C for camera control, video preview, and media offloading</p> <p>MJPEG 1080p live stream accessible through Wi-Fi and USB-C.</p> <p>PTP for frame level synchronization</p> <p>R3D live broadcasting available with RED Connect License and 5Gbps Ethernet Adapter</p> |
| RED CONTROL & RED CONTROL PRO | <p>Access full camera controls and live preview from iOS or Android devices</p> <p>Pro App: Operate one or multiple cameras over an IP connection to synchronize settings, manage media files locally or upload directly to FrameIO, develop custom looks with advanced CDL and LUT controls, and more. Ideal for control of multi-camera arrays, multi-cam shoots, and live events, all from one central location.</p> <p>Standard app available from the Apple App Store and Google Play Store.</p> <p>RED Control Pro available via Apple App store only and requires additional purchase.</p> <p>RED Control works wirelessly or wired via USB-C</p> |