

Sensor:	19 MEGAPIXEL RED DRAGON®
Pixel Array:	6144 (h) x 3160 (v)
S/N Ratio:	80 dB
Dynamic Range:	16.5+ stops
Max Image Area:	6144 (h) x 3160 (v)
Lens Coverage:	30.7mm (h) x 15.8mm (v) x 34.5 mm (d)
Lens Mount:	DSMC TI PL Mount DSMC TI Canon Mount DSMC AL Canon Mount DSMC AL Leica M Mount DSMC AL Nikon Mount DSMC TI Nikon Mount DSMC RED MOTION MOUNT® TI PL DSMC RED MOTION MOUNT® TI CANON (all lens mounts sold separately)
Max Depth of Field:	Equivalent to S35mm (Motion)/APS-H (Still) lenses
Acquisition Formats:	6K RAW (Full Frame) 5K RAW (Full Frame, 2:1, 2.4:1,16:9) 4K RAW (Full Frame, 2:1, 2.4:1,16:9) 3K RAW (Full Frame, 2:1, 2.4:1,16:9) 2K RAW (Full Frame, 2:1, 2.4:1,16:9)
Project Frame Rates:	23.98, 24, 25, 29.97, 47.96, 48, 50, 59.94 FPS, all resolutions

Delivery Formats: 4K: DPX, TIFF, OpenEXR (.RED via REncode Plugin)
2K: DPX, TIFF, OpenEXR (.RED via REncode Plugin)
1080p RGB or 4:2:2, 720p 4:2:2 : Quicktime, JPEG
Avid AAF, MXF. 1080p 4.2.0, 720p 4:2:0 : H.264, .MP4

Program Output: HD-SDI Clean Feed
2K RGB, 1080p RGB or 4:2:2, 720p 4:2:2
SMPTE Timecode, HANC Metadata, 24-bit 48Khz Audio

Monitor Output: HD-SDI and HDMI with Frame Guides and Lookaround
2K RGB, 1080p RGB or 4:2:2, 720p RGB or 4:2:2
SMPTE Timecode, HANC Metadata, 24-bit 48Khz Audio

Digital Media: REDMAG® 1.8" SSD: 48GB, 64GB, 128GB, 240GB, 256GB, 512GB
RED MINI-MAG®: 512GB

Maximum Frames Per Second (FPS): 6K FF: 12 FPS (in Burst mode)
5K FF: 48 FPS
4K FF: 60 FPS
3K FF: 80 FPS
2K FF: 120 FPS
5K 2.4:1: 60 FPS
4K 2.4:1: 75 FPS
3K 2.4:1: 100 FPS
2K 2.4:1: 150 FPS

Audio	2 channel, uncompressed, 24 bit, 48KHz. Optional 4 channel, and AES/EBU digital audio.
Monitoring Options:	RED Touch 5.0" LCD RED PRO 7" LCD RED Touch 7.0" LCD RED Touch 9.0" LCD BOMB EVF (LCOS) High Definition Viewfinder BOMB EVF (OLED) High Definition Viewfinder
Remote Control:	REDLINK Wireless, Ethernet, RS232, GPI Trigger
Weight:	5 lbs (Body only)
Construction:	Aluminium Alloy
Operating Temperature Range:	0°C to 40°C (32°F to 104°F)
Storage Temperature Range:	-20°C to 50°C (-4°F to 122°F)