DSMC2 DRAGON-X
INDUSTRY WORKHORSE & AWARD-WINNING SENSOR, NOW WITH IPP2

PROVEN QUALITY AND PERFORMANCE

The original DRAGON® sensor built a legacy of performance and dependability on major movie and TV shoots. Now, the DSMC2 DRAGON-X™ 5K S35 delivers the same image quality as its predecessor along with the benefits of high frame rates at 5K, blazing fast data speeds, and access to RED's latest image processing pipeline (IPP2). In the spirit of "obsolescence obsolete," owners will have the ability to upgrade to other sensors in the DSMC2 family.

VERSATILITY WITHOUT COMPROMISE

With a compact design, the DSMC2 DRAGON-X allows for all-around adaptability under any circumstance. Whether capturing that once-in-a-lifetime moment, creating content for YouTube, or taking part in a "run-and-gun" style shoot, users can harness the performance and power of RAW knowing their camera can go anywhere and won't hold them back.

INTUITIVE WORKFLOW AND UNPARALLELED COMPRESSION

RED's DSMC2 line of cameras offer a completely overhauled and enhanced image processing pipeline (IPP2). This new image pipeline delivers on a host of benefits including better management of challenging colors, smoother highlight roll-off and a standardized color space and gamma. RED also features a proprietary file format, which efficiently encodes image data in a way that maximizes the post-production flexibility of RAW files and makes capturing higher resolutions manageable for anyone.

SENSOR	DRAGON-X™ 13.8 Megapixel CMOS
PIXEL ARRAY	5120 (h) x 2700 (v)
DYNAMIC RANGE	16.5 stops
MAX FRAME RATES	96 fps at 5K Full Format (5120 × 2700), 120 fps at 5K 2.4:1 (5120 × 2160) 120 fps at 4K Full Format (4096 × 2160), 150 fps at 4K 2.4:1 (4096 × 1728) 150 fps at 3K Full Format (3072 × 1620), 200 fps at 3K 2.4:1 (3072 × 1296) 240 fps at 2K Full Format (2048 × 1080), 300 fps at 2K 2.4:1 (2048 × 864)
MAX DATA RATES	Up to 300 MB/s using RED MINI-MAG (480GB & 960GB) Up to 225 MB/s using RED MINI-MAG (120GB & 240GB)
APPLE PRORES	ProRes 422 HQ, ProRes 422 and ProRes 422 LT at 4K (4096 × 2160) up to 30 fps ProRes 4444 XQ and ProRes 4444 at 2K (2048 × 1080) up to 120 fps ProRes 422 HQ, ProRes 422 and ProRes 422 LT at 2K (2048 × 1080) up to 120 fps
AVID CODECS	DNxHR HQX at 4K (4096 × 2160) 12-bit up to 30 fps DNxHR HQ and SQ at 4K (4096 × 2160) 8-bit up to 30 fps DNxHR 444 at 2K (2048 × 1080) 12-bit up to 120 fps DNxHR HQ and SQ at 2K (2048 × 1080) 8-bit up to 120 fps DNxHD 444 and HQX (1920 × 1080) 10-bit up to 120 fps DNxHD HQ and SQ (1920 × 1080) 8-bit up to 120 fps
VIDEO EDITING SOFTWARE COMPATIBILITY	Adobe® Premiere® Pro, Avid® Media Composer®, DaVinci Resolve®, Edius Pro®, Final Cut Pro®, Vegas Pro®, and REDCINE-X PRO®
WEIGHT	3.35 lbs (BRAIN® with Integrated Media Bay)