

SENSOR	14 MEGAPIXEL MYSTERIUM-X™
PIXEL ARRAY	5120 (h) x 2700 (v)
S/N RATIO	66db
DYNAMIC RANGE	13.5 stops, up to 18 stops with HDRx™
MAX IMAGE AREA	5120 (h) x 2700 (v)
LENS COVERAGE	27.7mm (h) x 14.6mm (v) x 31.4 mm (d)
DEPTH OF FIELD	Equivalent to S35mm (Motion) / APS-H (Still) lenses Equivalent to 16mm (Motion) lens in 2K RAW
ACQUISITION FORMATS	5K RAW (Full Frame, 2:1, 2.4:1 and Anamorphic 2:1) 4.5K RAW (2.4:1) 4K RAW (16:9, HD, 2:1 and Anamorphic 2:1) 3K RAW (16:9, 2:1 and Anamorphic 2:1) 2K RAW (16:9, 2:1 and Anamorphic 2:1) 1080p RGB (16:9) 720p RGB (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 RAY via optional encoder) 2K : DPX, TIFF, OpenEXR (RED RAY via optional encoder) 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 Look Around 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 (SSD) Module : (64, 128, 256GB Media)
REDCODE™	12 and 16-bit RAW : Compression choices of 18:1 to 3:1 1-120 fps 5K, 4.5K 1-150 fps 4K 1-200 fps 3K 1-300 fps 2K
AUDIO	2 channel, uncompressed, 24 bit, 48KHz. Optional 4 channel, and AES / EBU digital audio.
MONITORING OPTIONS	RED LCD 5" Touchscreen Display BOMB EVF™ High Definition Viewfinder
REMOTE CONTROL	Wireless, Ethernet, RS232, GPI Trigger
WEIGHT	5lbs. Body only
CONSTRUCTION	Aluminum Alloy
TEMPERATURE RANGES	Operating Range: 0°C to +40°C (32°F to 104°F) Storage Range: -20°C to +50°C (-4°F to 122°F)
* FROM REDCINE-X	