



Camera Comparison

SCARLET DRAGON®



EPIC DRAGON

Carbon Fiber/
Magnesium
& Aluminum
Alloy



WEAPON® DRAGON 6K

Magnesium



WEAPON DRAGON 6K

Carbon Fiber



WEAPON DRAGON 8K

Carbon Fiber



Sensor	19 Megapixel RED DRAGON®			35 Megapixel RED DRAGON
Pixel Array	6144 x 3160			8192 x 4320
Sensor Size / Lens Coverage	30.7x15.8mm Diagonal 34.5mm			40.96x21.6mm Diagonal 46.3mm
Acquisition Formats	8K RAW (FF, 2.4:1) (WEAPON DRAGON 8K ONLY) 6K RAW (Full Frame, 2:1, 2.4:1, 16:9, 3:2, 6:5, 4:1, 8:1, and Anamorphic 2x, 1.3x) 5K RAW (Full Frame, 2:1, 2.4:1, 16:9, 6:5, 4:1, 8:1, and Anamorphic 2x, 1.3x) 4K RAW (Full Frame, 2:1, 2.4:1, 16:9, 3:2, 4:3, 5:4, 6:5, 4:1, 8:1, and Anamorphic 2x, 1.3x) 3K RAW (Full Frame, 2:1, 2.4:1, 16:9, 3:2, 4:3, 5:4, 6:5, 4:1, 8:1, and Anamorphic 2x, 1.3x) 2K RAW (Full Frame, 2:1, 2.4:1, 16:9, 3:2, 4:3, 5:4, 6:5, 4:1, 8:1, and Anamorphic 2x, 1.3x)			
Standard Ports	HD-SDI (3G-SDI), HDMI, 1x LCD/EVF, sync, control, ethernet, audio in/out		2x "cable-less" LCD/EVF, HD-SDI (3G-SDI), HDMI, sync, control, ethernet, audio in/out	
Record Media	REDMAG™ 1.8" SSD (48GB, 64GB, 240GB)	RED MINI-MAG® (240GB, 512GB, 1TB)	RED MINI-MAG (240GB, 512GB, 1TB)	
REDCODE® and Frame Rates	Compression choices of 22:1 – 2:1 1–12 fps 6K 1–48 fps 5K, 4.5K 1–60 fps 4K 1–80 fps 3K 1–120 fps 2K	Compression choices of 22:1 – 2:1 1–100 fps 6K 1–120 fps 5K, 4.5K 1–150 fps 4K 1–200 fps 3K 1–300 fps 2K	Compression choices of 22:1 – 2:1 1–60 fps 8K FF / 1–75 fps 8K 2.4:1 1–100 fps 6K 1–120 fps 5K, 4.5K 1–150 fps 4K 1–200 fps 3K 1–300 fps 2K	
Apple ProRes (2K)	-		ProRes 4444 XQ up to 60 fps ProRes 4444 up to 60 fps ProRes 422 HQ up to 60 fps ProRes 422 up to 60 fps ProRes 422 LT up to 60 fps	ProRes 4444 XQ up to 120 fps ProRes 4444 up to 120 fps ProRes 422 HQ up to 120 fps ProRes 422 up to 120 fps ProRes 422 LT up to 120 fps
3D LUT Support	17x17x17 / 26x26x26 / 32x32x32 / 33x33x33 With REDCAST™ Module Installed		17x17x17	17x17x17 / 26x26x26 / 32x32x32 / 33x33x33
Audio	2 channel, uncompressed, 24-bit, 48 kHz. Optional 4 channel, and AES / EBU digital audio.		Integrated dual channel digital stereo microphones; uncompressed, 24-bit, 48 kHz Optional 2 additional channels with expander, uncompressed, 24-bit, 48 kHz	
Monitoring Options	RED® Touch 5.0" LCD RED PRO 7" LCD RED Touch 7.0" LCD RED Touch 9.0" LCD BOMB EVF® (LCOS) BOMB EVF (OLED)	RED Touch 5.0" LCD RED PRO 7" LCD RED Touch 7.0" LCD RED Touch 9.0" LCD BOMB EVF (LCOS) BOMB EVF (OLED)	WEAPON RED Touch 7.0" LCD WEAPON BOMB EVF (OLED) RED Touch 5.0" LCD RED PRO 7" LCD RED Touch 7.0" LCD RED Touch 9.0" LCD BOMB EVF (LCOS) BOMB EVF (OLED)	
Weight	5 lbs (Camera BRAIN® only)	5 lbs (Al BRAIN only) / 4 lbs (CF/Mg BRAIN only)	3.35 lbs (Camera BRAIN Only)	3.27 lbs (Camera BRAIN Only)
Construction	Aluminum Alloy	Aluminum Alloy / Carbon Fiber	Magnesium and Aluminum Alloy	Carbon Fiber, Magnesium, and Aluminum Alloy
Price	Camera BRAIN with Side SSD and Lens Mount: Starting at \$16,700	Camera BRAIN with Side SSD and Lens Mount: Starting at \$26,200	Camera BRAIN with Side SSD and Lens Mount: Starting at \$49,500	
Primary Application	Indie, Documentaries, Stills	Medium-budget Features, Episodic TV, Commercial, Stills	Features, Episodic TV, Commercial, VFX, 3D, Aerial, Stills	High-end Features, Commercial, VFX, 3D, Aerial, Gimbal, Stills