



At the heart of the image™

D810A & D810 COMPARISON SHEET



D810A



D810

I AM STAR STRUCK

I AM MOVING PICTURES

SENSOR AND RESOLUTION

Sensor	35.9 x 24mm	35.9 x 24mm
	36.3MP FX-format CMOS sensor without an Optical Low Pass Filter (OLPF)	36.3MP FX-format CMOS sensor without an Optical Low Pass Filter (OLPF)

NEW FUNCTIONALITY OF D810A

IR Cut Filter	The D810A employs an optical IR cut filter with specific transmission characteristics (characteristics in the 656nm range), enabling the capture of nebulae and distant galaxies that emit H-alpha wavelength in red, which can be difficult to capture with an ordinary digital SLR camera.	Optimized for General Photography applications
ISO Sensitivity Range	200 to 12,800 Lo1 (ISO 32) to Hi2 (ISO 51,200)	Optimized for General Photography applications
White Balance	Although white balance has been designed and adjusted to retain the same performance as that of the D810, color reproduction might be different for an image taken under fluorescent light or difficult scenes due to the increased IR transmission characteristics of the D810A. The resulting image may be much more reddish than the actual color. Because an appropriate color reproduction cannot be obtained, D810A is not recommended for general photography	Optimized for General Photography applications
P, S, A, M, M*	Long Exposure Manual Mode Added Available shutter speeds in new M* mode: (exposure time): 4, 5, 8, 10, 15, 20, 30, 60, 120, 180, 240, 300, 600, 900 seconds (15 minutes), Bulb, Time	Standard P, S, A, M Modes to 30 seconds
Virtual Live View Exposure Preview	A virtual preview will be displayed for more accurate focusing and composition for exposure longer than 30 seconds (up to 900 seconds)	Live View standard operation, preview will appear dark on exposure longer than 30 seconds

All other features on D810A and D810 are the same

