



DEEP SKY IMAGER

MONOCHROME & COLOR **IV**



The DSI IV is the most advanced DSI camera ever. Equipped with a Panasonic 16MP CMOS image sensor, regulated two-stage thermoelectric cooler, and 3.8um pixels, the DSI IV is the ideal camera for deep sky photography. It's low-noise dark current, small pixels, and fast USB 3.0 readout make this camera both great at high resolution photography of the planets or galaxies.

	DSI-IV (COLOR)	DSI-IV (MONOCHROME)
Product Number	633001	633002
UPC	7 09942 99939 6	7 09942 99940 2
Image Sensor	Panasonic MN34230PLJ	Panasonic MN34230
Pixels	16 Megapixels	
Pixel Size (in microns)	3.8µm x 3.8µm	
A/D Conversion	10 or 12 ADC	
Frames per Second/Resolution	23 fps at full resolution (8-bit mode)	
Shutter	Electronic Rolling Shutter	
Min/Max Exposure Time	MIN: 0.15ms MAX: 3,600s	
Cooling	Two-Stage Regulated Thermo-Electric cooling	
Memory	Onboard DDRAM memory	
Mounting Type	M42x0.75	
Interface Type	USB 2.0 or 3.0	
Back Focus Distance	17.5mm	
Image/Video Format	JPEG, BITMAP, FITS / SER, AVI	
Binning	1x1, 2x2, 3x3	
Spectral Range	405-690nm (with IR-cut filter)	
Guide Port	None	
Built-in USB Hub	2 x USB 2.0 ports	
Power Supply	• DC 5V over PC USB Port • External Power Adapter for Cooling System, DC12V, 3A	
Software	Meade SkyCapture (CD-ROM Included)	
Accessories	• High-speed USB 3.0 cable • AC Adapter • Hard Carry Case	
Product Weight	1.51 lbs.	
Product Dimensions	3.4" x 3.2" x 4.1"	
MINIMUM SYSTEM REQUIREMENTS		
Operating System	• Microsoft Windows XP / Vista / 7 / 8 / 10 (32 & 64 Bit) • Mac OS X • Linux	
CPU Requirements	Equal to Intel Core2 2.8GHz or Higher	
Memory & USB Port	• 2GB or More • USB 3.0	

