

XF IQ4 Camera System

Technical specifications



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Imaging Sensors

Digital Back Options	IQ4 150MP, IQ4 150MP Achromatic, IQ4 100MP Trichromatic
Compatibility	IQ4 with XF Mount

Controls & OS



XF Top screen

Tools	Displays
Bullseye Level	Histogram
Focus Stack	Seismograph
Time-lapse	Vibration Analysis
Profoto Flash	Flash Analysis
HDR Sequence	

Camera OS

User Interface	OneTouch UI
Screen layouts	3 standard layouts
Custom Sets	3 configurations
Save and Load from XQD	Camera Custom Sets Camera System Setup
Custom settings	80+ settings
User upgradeable via Back	Yes

Focus & Autofocus

HONEYBEE
AUTOFOCUS PLATFORM



HAP-2

Autofocus Sensor	HAP-2 1MP CMOS Sensor
Autofocus Processor	HAP-2 Processor with Floating Point Architecture
Autofocus Assist light	HAP-2 Precision White light
Hyperfocal Point Focusing	Yes
Upgradeable Autofocus configurations & Patterns	Yes
Autofocus modes	Spot, Average, Hyperfocal
Interchangeable focusing screens	Yes

Imaging Software



Software

RAW converter	Capture One PRO 11.2.1 or newer
Tethered support	Yes
XF Camera Setup	80+ settings can be edited from Capture One
Workflow options	Sessions and Catalogues
Lens Corrections	Phase One Focal Plane lenses & Schneider Kreuznach Leaf Shutter lenses
Imaging Tools	25+
Local adjustments	Adjustment & Clone Layers
Batch output	Yes, using recipes and multiple destinations
Output formats	8 & 16 bit TIFF-RGB, TIFF-CMYK, JPEG incl. XR/2000/QuickProof tm, DNG, PNG, PSD

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IQ4 Specifications

IQ4 150MP

IQ4 150MP Achromatic

IQ4 100MP Trichromatic

Resolution	151 Megapixel	151 Megapixel	101 Megapixel
Long exposure	60 minutes	60 minutes	60 minutes
16 bit Opticolor+	Yes	Yes	Yes
Dynamic range	15 F-stops*	15 F-stops*	15 F-stops
Sensitivity (ISO)	50 - 25600	200 - 102400	35 - 12800
Sensor type	CMOS BSI	CMOS BSI	CMOS
Sensor size	53,4 x 40	53,4 x 40	53,4 x 40
Active pixels	14204 x 10652	14204 x 10652	11608 x 8708
Pixel size (micron)	3.76 x 3.76	3.76 x 3.76	4.6 x 4.6
Output image dim. 300 DPI	120.26 x 90.19 cm	120.26 x 90.19 cm	98.3 x 73.2 cm
Output image dim. 600 DPI	60.13 x 45.09 cm	60.13 x 45.09 cm	49.1 x 36.9 cm
Mount option	XF	XF	XF
3.2" multi touch display	Yes	Yes	Yes
XF Powershare	Yes	Yes	Yes
Electronic Shutter (ES)	Yes	Yes	Yes
USB-C	Yes	Yes	Yes
Gigabit Ethernet	Yes	Yes	Yes
Wi-Fi 802.11	Yes	Yes	Yes
HDMI	Yes	Yes	Yes
File formats	IIQ L 16 Extended, IIQ L 16, IIQ L, IIQ S, IIQ S 14+	IIQ L 16 Extended, IIQ L 16, IIQ L, IIQ S, IIQ S 14+	IIQ L 16, IIQ L, IIQ S
Sensor +	Yes	Yes	No

Captures per second

	14-bit	16-bit	14-bit	16-bit	14-bit	16-bit
Focal plane (full res.)	1.4	0.7	1.4	0.7	1.4	0.7
Leaf shutter (full res.)	1.2	0.7	1.2	0.7	1.2	0.7

*IIQ L 16 Extended file format