

IQ Digital Back Range

Technical specifications

PHASEONE

what the world's best photography is made of

IQ4

IQ3

Specifications

	IQ4 150MP	IQ4 150MP Achromatic	IQ4 100MP Trichromatic	IQ3 100MP	IQ3 100MP Achromatic
Resolution	151 Megapixel	151 Megapixel	101 Megapixel	101 Megapixel	101 Megapixel
Long exposure	60 minutes	60 minutes	60 minutes	60 minutes	60 minutes
16 bit Opticolor⁺	Yes	Yes	Yes	Yes	Yes
Sensitivity (ISO)	50 - 25600*	200 - 102400*	35 - 12800*	50 - 12800	200 - 51200
Sensor type	CMOS	CMOS	CMOS	CMOS	CMOS
Sensor size	53.4 x 40	53.4 x 40	53.4 x 40	53.4 x 40	53.4 x 40
Active pixels	14204 x 10652	14204 x 10652	11608 x 8708	11608 x 8708	11608 x 8708
Pixel size (micron)	3.76 x 3.76	3.76 x 3.76	4.6 x 4.6	4.6 x 4.6	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	98.3 x 73.2 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	49.1 x 36.9 cm	49.1 x 36.9 cm
Mount option	XF	XF	XF	XF**, H	XF**
3.2" touch display	Yes	Yes	Yes	Yes	Yes
XF Powershare	Yes	Yes	Yes	Yes	Yes
Electronic Shutter (ES)	Yes	Yes	Yes	Yes	Yes
HDMI	Yes	Yes	Yes	Yes	Yes
File formats	IIQ L 16, IIQ L, IIQ S	IIQ L 16, IIQ L, IIQ S	IIQ L 16, IIQ L, IIQ S	IIQ L 16, IIQ L, IIQ S	IIQ L 16, IIQ L, IIQ S
Wi-Fi 802.11 n	Yes	Yes	Yes	Yes	Yes

Captures per second

	14-bit		16-bit		14-bit		16-bit	
Focal plane (full res.)	1.4	0.7	1.4	0.7	1.4	0.7	1.1	0.6
Leaf shutter (full res.)	1.2	0.7	1.2	0.7	1.2	0.7	0.9	0.5

*Preliminary specifications

**Mount options

XF: XF, DF⁺ and DF

H: Hasselblad H1 and H2

V: Hasselblad V-series