

# XT Camera System

Technical specifications

**PHASEONE**

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## Camera Controls & Interface



### XT Functions

<b>Shutter release</b>	Two action with customizable half press
<b>Horizontal Dial</b>	12mm shift to the left 12mm shift to the right
<b>Vertical Dial</b>	12mm shift up 12mm shift down

### Lens Interface

<b>Electrical</b>	14pin X-Shutter interface
<b>Physical Mount</b>	Cambo WDS Compatible
<b>Mount Lock</b>	Two action safety release

### Rotatable Tripod Foot

<b>Quick Lock rotation</b>	Easy from landscape to portrait without detaching from Tripod
<b>Detachable Foot</b>	Easy detach foot for handheld shooting convenience
<b>Tripod Shoe</b>	Arca Swiss type rail

## Lenses & X-Shutter

### Rodenstock Lenses



	XT HR 70mm	XT HR 32mm	XT HR 23mm
<b>Aperture Range</b>	5.6 - 22	4 - 22	5.6 - 32
<b>Filter diameter</b>	58mm	86mm	72mm
<b>Image Circle</b>	100mm	90mm	70mm

### X - Shutter

<b>Shutter Type</b>	Electro magnetical
<b>Shutter Speed</b>	1/1000 - 60min
<b>Durability</b>	Tested to 500.000+ captures
<b>Shutter blades</b>	Carbon fiber material
<b>Helical Focus Drive</b>	Ultra fine manual focus
<b>Focusing clamp</b>	Optional reposition or detach w. 2 screws
<b>Aperture module</b>	5 blades (curved blades)

## Imaging Software



### Software

<b>RAW converter</b>	Capture One PRO 12.1.1 or newer
<b>XT Metadata</b>	Recognizes lens name, Time, Aperture and Shift
<b>XT Camera Control</b>	Capture, Live View and XT Camera Setup
<b>XT Lens Corrections</b>	Automatic lens correction for Rodenstock XT lenses
<b>Tethered support</b>	Yes
<b>Workflow options</b>	Sessions and Catalogues
<b>Imaging Tools</b>	25+
<b>Local adjustments</b>	Adjustment & Clone Layers
<b>Batch output</b>	Yes, using recipes and multiple destinations
<b>Output formats</b>	8 & 16 bit TIFF-RGB, TIFF-CMYK, JPEG incl. XR/2000/QuickProof tm, DNG, PNG, PSD

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## Digital Back Options

	IQ4 150MP	IQ4 150MP Achromatic	IQ4 100MP Trichromatic
<b>Resolution</b>	151 Megapixel	151 Megapixel	101 Megapixel
<b>Long exposure</b>	60 minutes	60 minutes	60 minutes
<b>16 bit Opticolor+</b>	Yes	Yes	Yes
<b>Dynamic range</b>	15 F-stops*	15 F-stops*	15 F-stops
<b>Sensitivity (ISO)</b>	50 - 25600	200 - 102400	35 - 12800
<b>Sensor type</b>	CMOS BSI	CMOS BSI	CMOS
<b>Sensor size</b>	53.4 x 40	53.4 x 40	53.4 x 40
<b>Active pixels</b>	14204 x 10652	14204 x 10652	11608 x 8708
<b>Pixel size (micron)</b>	3.76 x 3.76	3.76 x 3.76	4.6 x 4.6
<b>Output image dim. 300 DPI</b>	120.26 x 90.19 cm	120.26 x 90.19 cm	98.3 x 73.2 cm
<b>Output image dim. 600 DPI</b>	60.13 x 45.09 cm	60.13 x 45.09 cm	49.1 x 36.9 cm
<b>Mount option</b>	XT/XF	XT/XF	XT/XF
<b>3.2" multi touch display</b>	Yes	Yes	Yes
<b>XT Powershare</b>	Yes	Yes	Yes
<b>Electronic Shutter (ES)</b>	Yes	Yes	Yes
<b>USB-C</b>	Yes	Yes	Yes
<b>Gigabit Ethernet</b>	Yes	Yes	Yes
<b>Wi-Fi 802.11</b>	Yes	Yes	Yes
<b>HDMI</b>	Yes	Yes	Yes
<b>File formats</b>	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
<b>Sensor+</b>	Yes	Yes	No
<b>Captures per second</b>			
<b>X - Shutter</b>	2 fps	2 fps	1.2 fps

\*IIQ L 16 Extended file format