

Phase One Introduces the iXR Dedicated Digital Reproduction Camera System

Fully integrated medium-format digital reproduction camera system enables control over the entire image reproduction workflow

COPENHAGEN, April 02, 2012 – Phase One, the world’s leading pro photography equipment provider, today announced the Phase One iXR camera system -- the world’s first medium format dedicated digital reproduction camera system.

The Phase One iXR is a robust, fully-integrated digital camera system designed to excel at high-quality digitization such as fine art reproduction and diverse industrial applications. The Phase One iXR’s outstanding image quality, full automation and rugged engineering make it a compelling new solution for digital reproduction.

The Phase One iXR was built from the ground up to meet the exacting needs of the reproduction photographer and was designed to streamline workflow by enabling full control of the entire process. Using the iXR camera system with Phase One’s Capture One workflow software, photographers can take advantage of remote focus and easily move from live view to capture at the click of a mouse. The iXR incorporates a rugged industrial design that has done away with both the mirror and viewfinder to reduce moving parts and subsequent vibrations; its tough aircraft grade aluminum alloy camera body delivers a real workhorse solution capable of high-quality performance under the most demanding conditions.

The Phase One iXR is one of the first products being offered by **Phase One Industrial**. Formed in 2011 Phase One Industrial is a division of Phase One dedicated to research, development and manufacturing of specialized industrial camera systems. Phase One Industrial camera systems are built specifically for industrial applications such as fine art reproduction, machine vision and aerial photogrammetry and provide advanced hardware and imaging software solutions that meet the unique requirements of their users.

Dov Kalinski, General Manger of Phase One Industrial said, “We are very proud of the new Phase One iXR camera system and its elegant combination of medium format image quality and robust industrial design that offers photographers full control over their entire workflows. A new camera body, Phase One’s Capture One workflow software and high-end optics offer a full-package solution for the reproduction industry.”

The iXR camera system is available in three different configurations – 80MP, 60MP and 40MP. The iXR is also available as a stand-alone camera body for existing Phase One digital back owners. Prices for a complete iXR camera system including lens begin at 22,990 EUR / 29,990 USD. The iXR will be available for shipping as of May, 2012. All orders and inquiries should be directed to Phase One’s worldwide network of professional photography partners at www.phaseone.com/partners.

For additional information, please visit <http://industrial.phaseone.com>

iXR Camera System Specifications

Camera type	Medium format camera body for reproduction and industrial applications		
Digital back mount	Phase One/Mamiya 645 mount		
Compatible backs	Phase One IQ, Phase One P/P+ (with limited functionality)		
Lenses	Schneider-Kreuznach leaf shutter lenses Phase One digital lenses Mamiya 645 AFD/PRO lenses		
Lens mount	Phase One 645		
Focus control	Remote or manual, real focus control in Live View mode via Capture One software or SDK		
Automation	Full automation when working with Phase One IQ digital backs		
Shutter speed	Leaf shutter: 1/1600s to 60 minutes Focal plane: 1/4000s to 60 minutes Constant open aperture option		
Shutter control	1/3 f-stop increments		
Flash sync	Leaf shutter lenses: Up to 1/1600s Focal plane shutter: Up to 1/125s		
Interfaces	X sync terminal Secured power input (LEMO) 2 secured I/O connectors (LEMO) <ul style="list-style-type: none"> • hand release cable • electronic triggering device Mini USB connector for firmware updates		
Tripod head socket	Two 3/8 inch - on bottom and on side (25mm to locking pin hole)		
Power input	12-30V DC		
Maximum power consumption (including digital back)	20W		
Dimensions	128 x 147 x 62 mm/5.03 x 5.78 x 2.44 in (W x H x D)		
Weight (including digital back)	1.6 kg		
Approvals	FCC (Class A), CE, RoHS		
Operating Conditions			
Temperature	-10° to 40°C (14° to 104°F)		
Humidity	15 to 80% (Non-condensing)		
Operating systems / software for Phase One Capture One	Windows 7® Mac OS X 10.6 or later		
	iXR 180	iXR160	iXR 140
Resolution	10320 x 7752 (80MP)	8984 x 6732 (60.5 MP)	7320 x 5484 (40 MP)

Dynamic range	12.5 f-stops (>72db)	12.5 f-stops (>72 db)	12.5 f-stops (>72 db)
Aspect ratio	4:3		
Pixel size	5.2 micron	6.0 micron	6.0 micron
CCD size effective	53.7 x 40.3 mm	53.9 x 40.4 mm	43.9 x 32.9 mm
Lens factor	1.0	1.0	1.3
Light sensitivity (ISO)	35 – 800 (140-3200 in Sensor+)	50 – 800 (200-3200 in Sensor+)	50 – 800 (200-3200 in Sensor+)
Capture frame rate (frames per second)	0.7 frame	1.0 frame	1.2 frame
RAW file compression	IIQ large: 80 MB IIQ small: 54 MB	IIQ large: 60 MB IIQ small: 40 MB	IIQ large: 40 MB IIQ small: 26 MB
RAW file compression (Sensor +)	IIQ large: 20 MB IIQ small: 13.5 MB	IIQ large: 15 MB IIQ small: 10 MB	IIQ large: 10 MB IIQ small: 7 MB
File output dimensions	300 dpi: 87.4 x 65.6 cm 600 dpi: 43.7 x 32.8 cm	300 dpi: 76.1 x 57 cm 600 dpi: 38 x 28.5 cm	300 dpi: 61.9 x 46.4 cm 600 dpi: 30.1 x 23.2 cm
Data storage	CompactFlash card: Type I/II including UDMA 6 and 7		

About Phase One

Phase One is the world's leader in open-platform based medium format camera systems and solutions. Phase One medium format cameras, digital backs and lenses are designed to deliver superior quality image capture and investment value. Phase One's Capture One and Media Pro software helps streamline capture and post-production processes for both medium format and DSLR cameras. Phase One products are known for their quality, flexibility and speed enabling pro photographers shooting in a wide range of formats to achieve their creative visions without compromise.

For more information, please visit Phase One at <http://www.phaseone.com>. Follow Phase One on Twitter at <http://www.twitter.com/PhaseOneWW> and on Facebook at: <http://www.facebook.com/pages/Phase-One/184811514906561> Phase One is an employee-owned company based in Copenhagen with offices in New York, London, Tokyo, Cologne and Hong Kong.

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