PHASEONE | Heritage

© Jim Lyngvild

iXH 100MP

Preserve today. For tomorrow.

Empowering curators and archivists, our digitization solution goes beyond imaging

Embark on a transformative journey in digitization, where precision meets efficiency. Capture the essence of your artworks with our dedicated 101-megapixel camera, ensuring each pixel counts to deliver true-to-life reproductions. The authenticity, texture, and nuance of your digital surrogate are preserved in unparalleled detail.

For extensive art collections, our purpose-built iXH 100MP revolutionizes the digitization process with one-click efficiency, adaptability to the most common sizes, and precision automation. Dedicated to large collection digitization projects, it ensures unparalleled speed, eliminating bottlenecks in large-volume production. Complemented by Capture One CH software, this dynamic duo enhances workflow, providing specialized tools for curators and archivists, ensuring swift, precise, and customized digitization.

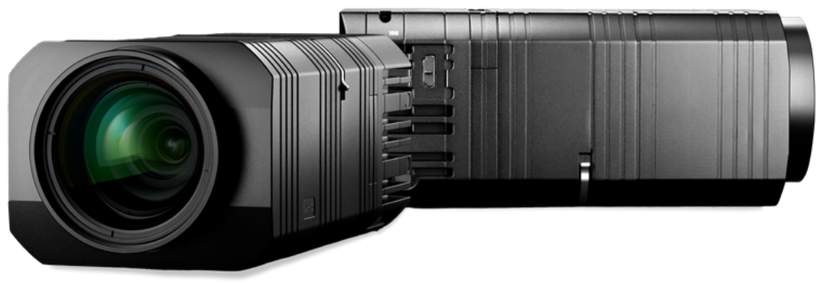
Future-proof your digitization endeavors with our Phase One Intelligent Image Quality (IIQ) files*. Capturing intricate detail and housing crucial data, they allow adaptable processing to continuously refine digitized collections as software evolves. This flexibility surpasses traditional scanning, enabling versatile processing aligned with evolving software. Embrace a workflow that not only captures the cultural heritage essence but also stands resilient against the test of time. Navigate the ever-changing landscape of archival conservation confidently, ensuring your collections endure forever.

*Phase One RAW files.

Technical specifications

Phase One iXH 100MP

Resolution (pixels)	101 Megapixel 11656x8742	
Pixel Size (micron)	3.76	
Effective Sensor Size (mm)	43.9 x 32.9	
Color depth (per channel)	16 bit / 14 bit	
ISO range	50-6400	
Dynamic Range (f-stop)	15	
Capture Rate (FPS)	2.0	
Lens Mount	Phase One iXH	
Shutter Type	Leaf shutter, Integrated in Lens Electronic Shutter	
Shutter Speed	Lens Leaf Shutter: 1/250s – 30 sec iXH 100 Electronic Shutter: 1/4,000 – 1 Hour	
Focus positions	Close range to infinity, 23mm max. extension	
Focus Control	Motorized & encoded, controlled from software	
Mechanical mounts	4x ¼" Threaded Holes for VHQ L-Bracket	
Mount adapters	L-shape bracket	
Interface	USB3 / SFP+ Module (1G/10G)	
Triggering options	Hand release, host capture from software	
Flash Output	Via Secured LEMO connector	
Live View / HDMI	1920 x 1080	
Data Storage	Tethered to Capture One CH	
Dimensions (mm) with 72mm MkII Lens	227 x 130 x 130 (inc L-Bracket)	
Weight (g) with 72mm MkII Lens	3,450 (inc L-Bracket)	
Operational temp range (c)	-10 to 40	
Humidity (%)	15-80 (office environment)	
Lenses	Designed and manufacture by Schneider Kreuznach and Phase One delivering the highest quality in terms of resolution, flatness, sharpness, distortion and color required for the most demanding reproduction applications	
	Phase One RS 72mm MrkII	Schneider Kreznach 120mm
Min. focusing distance (cm)	44	67
Lens thread diameter (mm)	77	46
Dimension (mm)	150x90x115	150x90x115
Weight (g)	1470	1050
Power system, incl. 5m cable		24V
Software		Capture One CH
Min. system requirements		PC/ Windows



About Phase One

Phase One is a global leader in digital imaging technology. Our commitment to imaging quality spans a wide spectrum of applications, from professional photography to heritage digitization, industrial inspections, aerial mapping, security and space.

With over three decades of innovation, Phase One has pioneered core imaging technologies and a range of digital cameras and imaging modules, setting new standards for image quality in terms of resolution, dynamic range, color fidelity and geometric accuracy. Together with its customers, technology partners and its global network of distributors, Phase One drives the imaging industry forward. We deliver Imaging Beyond Imagination.

We deliver Imaging Beyond Imagination.
www.phaseone.com

Contact your Phase One representative regarding availability of Phase One products in your region.