

Preserve Today for Tomorrow: Phase One Introduces the iXH 250MP Camera System

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Instant Image Quality for Large-Scale Digitization

COPENHAGEN, May 19th, 2026 — Phase One, a leading provider of [high-end digital imaging solutions](#), is proud to announce the launch of the Phase One iXH 250MP camera system. This new addition to our portfolio, alongside the iXH 150MP and [MSI systems](#), enhances the [digitization of cultural heritage collections](#). The iXH 250MP is designed to meet the demands of large scale artworks, and artifacts with precision and speed. The 247-megapixel sensor establishes a new quality standard in heritage imaging applications, unmatched in color accuracy, and fine detail, essential for preserving the authenticity of heritage artifacts.

“The quality and resolution inherent to the [iXH 250MP Camera System](#) achieves a new level of scale, detail, quality, and most critically efficiency for Heritage applications.” said Drew Altdoerffer, VP Digitization at Phase One.

Designed to support existing iXH optics, this system is tailored for large-scale materials in addition to large volume collections. Integrated with [Capture One Cultural Heritage](#), the iXH 250MP surpasses current ISO and FADGI standards, ensuring exceptional quality and efficiency in digitization. This release underscores Phase One’s commitment to delivering cutting-edge technology for comprehensive cultural heritage preservation and streamlined workflows.

Unlimited applications, instant image quality

The iXH 250 Camera System delivers unmatched image quality, instantly. A single, instant capture reaches nearly AO scale at 400ppi. The speed and quality at which you can digitize large materials has never been better.

The iXH 250 adopts, and perpetuates, the Infinity Platform – a powerful processing engine that seamlessly handles large files at high speed, for a long duration, perfectly supporting high volume cultural heritage digitization programs.

Every Pixel Matters for the Future

Phase One’s Intelligent Image Quality (IIQ) files capture intricate details and essential data for flexible processing and non-intrusive evaluation. This capability ensures that digitized collections can be continuously refined as software evolves, supporting the dynamic field of conservation. With IIQ files, conservators, archivists, and curators can revisit and analyze original details for new research or restoration efforts, always having a reliable

digital surrogate to reference. The versatility of IIQ files (Phase One's proprietary RAW file format) surpasses traditional scanning methods, ensuring that digitized collections stay current with technological advancements, crucial for long-term conservation and accurate research.

Product Highlights

- **High resolution and superior detail:** The iXH 250MP features a 247-megapixel CMOS sensor coupled with Phase One and Schneider-Kreuznach high precision optics, ensuring the highest image quality and color accuracy for cultural heritage applications.
- **Industrial durability:** Constructed from high-strength aluminum, the industry's most durable mechanical and electronic components, the iXH 250MP is built to last. The Reliance Shutter in each iXH lens is guaranteed for one million actuations ensuring long lasting and reliable performance.
- **Seamless integration:** Fully integrated with Capture One CH software, the iXH 250MP offers complete camera control, reliable performance, and expert RAW conversion algorithms for simplified operation and exceptional image fidelity.
- **Precision focus control:** Motor-driven focusing and contrast-based autofocus ensure optimal accuracy, paving the way for automated camera positioning and focus for specific jobs ensuring consistent image quality.
- **Future-proof workflow:** IIQ files capture comprehensive data crucial for adaptable processing, supporting non-intrusive evaluation and ensuring digitized collections remain resilient against technological advancements.

For additional information on iXH 250MP, please visit <https://www.phaseone.com/ixh-250mp/>

About Phase One

Phase One is a global leader in digital imaging technology. The company provides unrivaled imaging quality for a wide range of applications, from professional photography to heritage digitization, industrial inspections, aerial mapping, security and space.

For more than three decades, Phase One has developed 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.

Based in Copenhagen, Denmark, and with regional offices strategically located in Denver, Tel Aviv, Saku, Tokyo, Beijing, Shanghai, and Hong Kong, Phase One

nurtures long-term relationships with customers, technology partners and its global network of distributors, often playing the role of digital imaging partner to customers with unique requirements. It is with this passion for service that Phase One continually exceeds expectations and drives the imaging industry forward.

We deliver Imaging Beyond Imagination.

www.phaseone.com

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