



iXH 250MP

Instant Image Quality

PHASE**ONE**

Phase One iXH 250MP

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The Phase One iXH 250MP meets the demand for higher resolution, faster workflows, and greater efficiency in digitization applications. Incorporating rapid advances in sensor technology, the Sony iMX811 247-megapixel CMOS sensor sets a new standard for cultural heritage imaging and image quality.

Delivering a remarkable 19236×12836 pixel resolution, the iXH 250MP provides unmatched image detail from a single sensor. Compared to alternative instant capture systems, the iXH 250MP captures greater detail without sacrificing image quality, enabling ultra-efficient reproduction.

The resolution improvements incorporated into the iXH 250MP translate to a significant leap in image quality capture. Where previous systems could capture A0 documents at 300ppi, the iXH 250MP now enables nearly the same document size to be captured at 400ppi, greatly increasing productivity and image quality detail.

Technical specifications

iXH 250MP

Resolution (pixels)	247 Megapixel 19,236 x 12,836
Pixel size (micron)	2.81
Effective sensor size (mm)	54 x 36
Color depth (per channel)	16 bit 14 bit
ISO range	50-25,600
Dynamic range (f-stop)	14.5
Capture rate (FPS)	1.0
Lens mount	Phase One iXH
Shutter type	Electronic (Sensor) Leaf (iXH Lens)
Shutter speed	1/2000 - 30 Sec
Focus control	Software Enabled (Capture One CH)
Mechanical mounts	Arca-Swiss VHQ L-Bracket
Interface	USB-C SFP+ Module (1G/10G)
Triggering options	Hand release, host capture from software, foot pedal
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 (gr) with 72mm MKII Lens	3,450 inc. L-Bracket
Cooling	Integrated heat sink and cooling fins
Approvals	FCC Class A, CE, RoHS
Operational temp range (c)	-10 to 32
Humidity (%)	15-80 (office environment)
Lenses	Phase One RS 72mm MkII Lens Schneider Kreuznach 120mm
Min. focusing distance (cm)	44 cm 67 cm
Power system, incl. 5m cable	24V
Software	Capture One CH
Min. system requirements	See www.captureone.com for latest system requirements

