

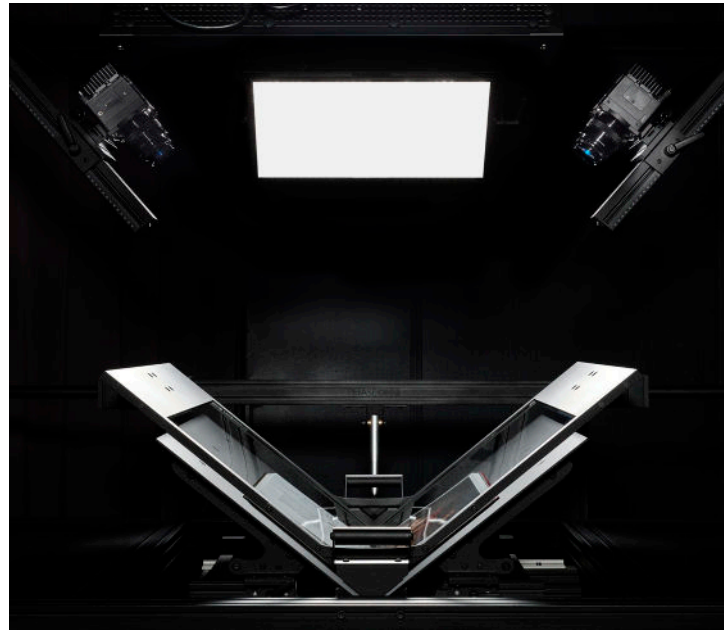
Book Scanning Solutions

V-Twin Book Digitization Solution

The new V-Twin Book Digitization solution is a highly efficient and automated system for the most demanding book digitization projects. It supports books with a size of A2+, maximum 25kg weight and a spine thickness of up-to 25cm. Constructed from high-grade aluminum extrusions, its chassis comes with a stable, reliable, and long-lasting platform. Utilizing powerful, quiet electric motors that lift and lower the upper and lower platens ensuring the highest level of control and material safety.

The two Phase One iXM-MV100 digital medium format cameras, combined with the Linos 60mm/f4 lenses, enable increased productivity with a wider coverage compared to other area sensor imaging systems. An ultra-high resolution, backside illuminated sensor provides the highest image quality, the finest details, lowest noise and highest dynamic range at a fast capture rate. An optional glassless V cradle allows for the handling of rare and fragile books.

The D8 R+ LED panels offer a bright and stable illumination with long lasting diodes and electronics. Capture One CH brings the best RAW processing engine along with a flexible, intuitive UI and an efficient capture and export workflow.



Main Benefits



Simply place, press & process



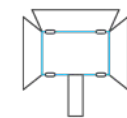
Efficient & automated solution



Maximum protection of sensitive materials



Efficient capture & export workflow



Ultra-high resolution & high dynamic range cameras

V-Twin Book Digitization Solution

Technical specifications

Solution specifications

Specifications	
Maximum book size	A2+ (43x61cm)
Maximum book weight (Kg)	25
Maximum spine width (cm)	25
Imaging sensors	100MP CMOS, Back Side Illumination with Electronic Shutter
Image capture size & resolution	A2+ @ up to 460ppi
Color depth	RGB 16-bit or 14-bit per channel
Camera Interface	USB-C; 10G ethernet (adapter required)
Approvals	FCC Class A, CE, RoHS
LED Panels	CRI >98 at 100% brightness, >50,000 hrs durability

V-Twin Cradle

Specifications	
Book opening angle	100 degrees
Max digitization area (per side)	A2+ (43cm x 61cm)
Max load (book weight)	25kg
Max book spine thickness	25cm (10 inches)
Work surface height	60cm (distance from floor to worktop)
Adjustable camera position	Yes
Electric motor Output	120W
Power Supply	Input 110-240V, 50Hz 3A Max. Output 24V 5A
Dimensions	w190cm x h190cm x d170cm
Weight (approx.)	120 kg (with LED panels and fabric tent)

iXM-MV100 Cameras

Specifications	
Sensor	High Resolution Sony BSI (Back Side Illumination) RGB sensor
Resolution	100MP (11664 x 8750)
Aspect Ratio	4:3
Pixel Size (microns)	3.76
Effective Sensor Size (mm)	43.9 x 32.9 (54.9 diagonal)
Light Sensitivity (ISO)	50-51200
Lens Mount options	M72, Phase One Mount
Shutter	Electronic, rolling
Shutter speed	1/4000s - 60m (TBC)
Trigger Modes	External, internal, software
Data Interface	USB3 (USB-c)
HDMI Preview	1920 x 1080 30p
File Formats	RAW 14bit, RAW 16bit
Dimensions With M72mm Mount Excluding Lens (mm)	90 x90 x73 (90 x90 x103 with heat sink)
Approvals	FCC Class A, CE, RoHS
Cooling	Passive heat sink (included)
Operating Temperature (°C)	-10 - 40
Operating Humidity (%)	15 - 80 (non-condensing)

Linor Inspec.X 60mm/ f4 lenses

Specifications	
Focal Length (mm)	60
Magnification Range	0.2x - 0x
Working Distance Range (mm)	334 - ∞
Image Circle (mm)	82
Filter Thread	M49X0.75 mm
Aperture Range	f/4 to f/22
Weight (g)	240



Lighting: Phase One D8 R+ LED Panels

- Flat LED panel with extremely even illumination
- Excellent color accuracy - CRI >98 at 100% brightness
- Flicker free - LEDs powered by direct current with no ripples
- Easy to handle, with angled yoke bracket for easy tilting of the panel
- Excellent diffusion
- Panel size 540x330mm
- Overall size 680x390mm
- Durability of LEDs - 50,000 hours
- Weight including AC adapter, yoke and mount - 5.5Kg
- Limited three year manufacturer warranty included
- Optional Accessory Kit includes barn doors and honeycomb grid