The Phase One H 20 allows you to make full use of your creative and artistic skills – and the results are amazing.

Direct digital imaging for the demanding photographer

H 20

THE PHASE ONE H 20 ONE-SHOT CAMERA DELIVERS UNSURPASSED QUALITY AND CONVENIENCE.

Based on the newest CCD technology the Phase One H 20 guarantees you the highest digital image quality available today.

Clean files, saturated colors and incredible sharpness - the H 20 sets the standard in digital photography. And it helps you achieve new standards of productivity too. With instant image review and fast delivery, you'll be able to handle more business and increase sales.

Straightforward operation
Simply mount the Phase One H 20 onto your camera just as you would a film cassette. Then plug the IEEE 1394/FireWire® cable into a computer and shoot.

The H 20 comes with our versatile Capture One software, optimized to meet the requirements of the modern, professional photo studio.

Perfect fit
The Phase One H 20 integrates easily with your current studio set-up and shooting scenarios. Shoot products, people or landscapes in amazing quality — in the studio or on location.

5 good reasons:

- Exceptional image quality

- Easy operation

- Safe investment

- Digital workflow benefits

- Increased revenues

Specifications:

Imager

Technology:	Full frame CCD
Color filter:	Red, Green and Blue
Total pixels:	4,145 x 4,145
Effective pixels:	4,080 x 4,080
Effective size:	36.9 x 36.9 mm (1.5 x 1.5")
Pixel size:	9 x 9 micron
Imager ratio:	1:1
Antiblooming:	8 f-stops

Digital image

Color depth:	48 bit per color (16 bit per color)
Dynamic range:	12 f-stops
Single exposure:	4,080 x 4,080 pixel
	24 bit RGB: 48 MB
	48 bit RGB: 96 MB
	64 bit CMYK: 128 MB
Two exposures:	7,800 x 4,000 pixel
	24 bit RGB: 89 MB
	48 bit RGB: 178 MB
	64 bit CMYK: 237 MB

Basic sensitivity

ISO:	50 or 100

System

Exposure time:	16 sec. to less than 1/1000 sec.
Capture rate:	3 sec. per image
IR filter:	Mounted on CCD
Interface:	Direct IEEE 1394/ FireWire® architecture
Power:	8-40 V DC
Lighting conditions	Flash, tungsten, daylight, fluorescent, HMI

Data format & compression

Extended Phase One Format, TIFF-RGB, TIFF-CMYK, JPEG, HTML

Color management workflow

RGB, Embedded ICC profiles, CMYK

Operating conditions

Temperature:	0° to 50°C (32° to 122°F)
Humidity:	15 to 80% RH (non-condensing)

Physical dimensions

Height:	99 mm (3.9")
Width:	92 mm (3.6")
Depth:	53 mm (2.1")
Weight:	450 g. (1lb)

Phase One H 20 models

Hasselblad/Mamiya RZ67 Pro II

Camera support

Hasselblad: 555 ELD, 553 ELX, 503 CW, 501 CM

Mamiya: RZ67 Pro II, RB (via optional adaptors)

Wide-angle: Hasselblad 903SWC, Horseman DigiFlex II, and various adaptors with 35 mm lens support

View cameras: Arca Swiss, Cambo, Rollei Xact, Linhof M679, Linhof 4x5, Cambo 4x5, Toyo 4x5, Sinar 4x5, Horseman 4x5, Plaubel 4x5

Hardware requirements

PC:	Pentium III, 256 MB RAM, IEEE 1394 interface, Windows 98SE/2000/Me/XP
Mac:	G4 (min. G3), 256 MB RAM, FireWire interface, Mac OS 9.1

Certifications

CE

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