



Photo: Hans Neleman

THE ULTIMATE IN MEDIUM AND LARGE FORMAT PHOTOGRAPHY

PHASE ONE'S NEW 39 MEGA-PIXEL DIGITAL BACK EXCEEDS ALL TOP SHOOTER'S EXPECTATIONS BOTH IN STUDIO AND IN THE FIELD!

World class performance

Phase One's new P 45 boosts performance on medium/large format cameras. Not only the demand for higher resolution is honored, but also workflow efficiency, simplicity and storage security is opted in this new P-back. Phase One is renowned for delivering the best image quality and most efficient workflow in the world, allowing you to capture, adjust, prepare for print and archive perfect images in

minutes. Lift up your studios profit with the P 45 - your current clients will keep coming back and new business opportunities will appear.

The Phase One Difference

Working with Phase One provides you with unlimited creative opportunities. You will be able to improve your work constantly and discover new kinds of photography. The time you save on shooting and post production will allow you to expand your creative boundaries and rediscover your passion for photography. Together with the amazing image quality, you get from the high resolution files, this is what we call the Phase One Difference.

P 45

5 good reasons :

- Maximum resolution and fine details
- Full frame capture area
- New revolutionary safe storage system
- Maximum flexibility and efficiency
- Rewarding investment both financially and creatively



Corporate headquarters:

Phase One A/S

Roskildevej 39
DK-2000 Frederiksberg
Denmark
Tel.: +45 36 46 01 11
Fax: +45 36 46 02 22
e-mail: info@phaseone.dk
www.phaseone.com
Phase One support:
http://support.phaseone.com

Phase One Inc.

200 Broadhollow Road
(Suite 312)
Melville, NY 11747 - 0983
USA
Tel.: +1 631 547 8900
Fax: +1 631 547 9898
e-mail: info@phaseone.com

Regional offices:

Phase One Germany

Lichtstrasse 43H
50825 Köln,
Germany
Tel.: +49 (0)221/2829968
Fax: +49 (0)221/2829975
e-mail: info@phaseone.de

Phase One Asia

1177 Nong, No 16 - 1802
Yong Shi Pu Lu
Yong Su District
Shanghai, 200082
China
Tel.: +86 2163842854
e-mail: lzm@asia.phaseone.com

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Specifications:

Imager

Technology: Full frame CCD
Color filter: Red, green, blue
Pixels (Active): 7216 x 5412
CCD size (Active): 49.1 x 36.8 mm
Pixel size: 6.8 x 6.8 micron
Image ratio: 4:3
Image output: 48 bits (16 bit per color)
Antiblooming: 8 f-stops

Digital image

Color depth: 16 bit per color
Dynamic range: 12 f-stop
Single exposure: 7216 x 5412 pixels
24 bit RGB: 112 MB
48 bit RGB: 224 MB
64 bit CMYK: 299 MB
Two exposure: 10.600 x 7216 pixels
24 bit RGB: 219 MB
48 bit RGB: 438 MB
64 bit CMYK: 585 MB

Sensitivity

ISO: 50, 100, 200, 400

Camera system

Capture rate: 35 frames per min.
Writing speed to CF: Up to 20 MB/sec.
depending on CF card
Battery type: Lithium Ion
Battery lifetime: 250 captures/4 hours
Exposure time: Several minutes to less than 1/10000
IR filter: Mounted on CCD
Orientation: Automatic image rotation (Patented)
Power: 8-33 V DC

Data format

Phase One IIQ RAW (patent pending),
TIFF-RGB,
TIFF-CMYK, JPEG

Color management

RGB, Embedded ICC profile, CMYK

LCD screen

Size: 2.2"
Colors: 262,144 (18 bit)

Information: Preview, histogram, exposure warning, ISO
Functionality: Image browsing, deleting, zooming, ISO and white balance setting

Lighting Flash, tungsten, day-light, fluorescent, HMI

Operating conditions

Temperature: 0° to 40°C (32° to 122°F)

Humidity: 15 to 80% RH (non-condensing)

Camera models

P 45 Hasselblad V, Hasselblad H, Mamiya 645 AFD or Contax 645AF

Camera support

Hasselblad: 555ELD, 553 ELX, 503 CW, 501 CM, H1
Mamiya: RZ67, 645AFD
Contax: 645AF
Wide-angle: Hasselblad 903 SWC and a range of adapters with 35 mm support
4"x5": Arca Swiss, Cambo 4x5, Rollei Xact, Linhof M679/4x5, Toyo, Sinar, Plaubel, Horseman

Computer requirements

Mac: G4, 500 MB RAM, FireWire® interface, Mac OSX
PC: Pentium III, 500 MB RAM, IEEE 1394 interface, Windows XP/2000

Certifications

CE

dealer stamp