Building a new view of possibility

The Phase One P 25+ Camera system is designed to be a seamless extension of your creativity. Extraordinary capture becomes natural through ease of use and direct control.

Take advantage of the Phase One digital focal plane lenses or Schneider Kreutznacl leaf shutter lenses. You can also use your Mamiya 645 AF/AFD or Hasselblad V lenses for an even broader choice.

For general purpose photography choose the 22 mega pixel P 25+ digital back from Phase One. The P 25+ is a very powerful tool for commercial, portrait, advertising and fashion shooting. The open platform flexibility also allows you to mount the digital back on technical cameras.

Combine this and the virtually full frame captures with a 28 mm lens for a solid foundation for any food, fine art or architectural photography assignment.

Your local Phase One partner

www.phaseone.com
P 25+ Digital Back Specifications

- Near full frame captures at 22 mega pixel
- Up to 1 hour noise free exposures
- Great entry solution for aspiring photographers
- Versatile, all-round digital back
- World leading image quality
- Unlimited burst capacity
- Light sensitivity 50-800 ISO
- XPose+ technology solution

Imaging technology

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCD</td>
<td>Full frame CCD</td>
</tr>
<tr>
<td>Lens Factor</td>
<td>1.1</td>
</tr>
<tr>
<td>Resolution</td>
<td>22 mega pixels</td>
</tr>
<tr>
<td>Active pixels</td>
<td>5436 x 4080 pixels</td>
</tr>
<tr>
<td>CCD size effective</td>
<td>48.9 x 36.7 mm</td>
</tr>
<tr>
<td>Pixel size</td>
<td>9 x 9 micron</td>
</tr>
<tr>
<td>Image ratio</td>
<td>4:3</td>
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<tr>
<td>Antiblooming</td>
<td>10 f-stops</td>
</tr>
<tr>
<td>Dynamic range</td>
<td>12 f-stops</td>
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</table>

Output files

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color depth</td>
<td>16 bit per color</td>
</tr>
<tr>
<td>Image file formats</td>
<td>TIFF-RGB, TIFF-CMYK, JPEG</td>
</tr>
<tr>
<td>Color management</td>
<td>RGB, Embedded ICC profile, CMYK</td>
</tr>
</tbody>
</table>

Sensitivity

<table>
<thead>
<tr>
<th>Attribute</th>
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<tbody>
<tr>
<td>ISO</td>
<td>50, 100, 200, 400, 800</td>
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500,000 captures or 3 years (VA)

Exposures from 1/4000s to 60 minutes

Flash synchronization up to 1/800 sec.

Near full frame captures at 22 mega pixel

Up to 1 hour noise free exposures

Great entry solution for aspiring photographers

Versatile, all-round digital back

World leading image quality

Unlimited burst capacity

Light sensitivity 50-800 ISO

XPose+ technology solution

Shutter speed from 1/4000s to 60 minutes, B and X modes can match the extreme long exposure capability of the P+ digital backs or stop action with fast shutter speed or flash.

The mirror and viewfinder of the Phase One 645DF camera are almost three times larger than those of 35mm cameras, providing much greater control of focus and composition.

While hosting a complete list of features and custom functions, the Phase One 645DF camera is extremely easy to use. All settings important to the exposure are easily controlled by manual dials and soft buttons.

Camera body specifications

- Open platform for maximum choice and compatibility
- Durable, proven platform for secure operation
- Ergonomic handling and ease of use
- Use Phase One digital lenses, Mamiya AF lenses or Hasselblad V lenses
- Guaranteed up to 300,000 captures or 3 years (VA)
- Exposures from 1/4000s to 60 minutes
- Flash synchronization up to 1/800 sec.

Computer minimum requirements

<table>
<thead>
<tr>
<th>Platform</th>
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</tr>
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<tr>
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P+ back mounts

- Phase One/Mamiya: Phase One 645DF/AF, Mamiya 645DF/AFD, 645AFDII/AFDIII, Mamiya RZ67 PRO IID via adaptor
- Phase One H101: Hasselblad H1 and H2
- Hasselblad V: Hasselblad 553ELD, 553ELX, 500CW and 501CM via adaptor: Mamiya RZ67 Pro II Mamiya RB67
- Contax: Contax 645

Wide angle & technical cameras

Possible via the Phase One FlexAdaptor & third party adaptors.

Storage files

Phase Ones IQ RAW file format speeds up the image capture and file transfer. It increases the storage capacity by turning the full 16 bit image data into a compact RAW file format. The default IQ RAW-large format is completely lossless.

IQ small: 17 MB
IQ large: 25 MB

Software

Capture One 4.8.3 or later

Certifications

CE

Computer minimum requirements

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