

Product Guide

Extraordinary equipment for
extraordinary photographers

PHASE**ONE**

Phase One strive to deliver the best equipment, software and workflow for the world's best photographers. We focus everything we do on digital capture.

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Ultimate image quality

- Highest quality files with an extreme level of detail
- Superior color rendition and skin tone reproduction
- High dynamic range and virtually no noise

Open platform – Freedom of choice

- Always the best equipment for the job
- Maximum choice and compatibility
- Unlimited versatility in use

Peace of mind

- Extreme durability
- Best in class warranty and support
- Attractive upgrade path to new products ensuring long term value

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Phase One Product Range



Phase One 645 Camera

Phase One redefines medium format digital capture with a seamless integration of lens, body, back and software. The Phase One 645 Camera system easily matches integrated camera solutions while still being completely modular.

Phase One Digital Lenses

The Phase One Digital Lenses are designed for ultimate image quality and freedom of choice, using full frame digital backs or film. World class optical performance combined with unique lens enhancement features in Capture One PRO guarantees perfect captures.

P+ digital backs

The P+ digital backs represent more than a decade of leadership in medium format digital capture. Preferred by rental companies world wide and trusted by the world's best photographers, the P+ digital backs set the benchmark for durability, image quality and versatility.

Capture One

Capture your creativity and deliver superior image quality. Take your clients beyond retouching and create lasting impressions instantly on the shot. Capture One takes your work to the next level through an extraordinary focus on capture.

Phase One 645 Camera System

The ultimate experience

Choose the Phase One **Value Added** offering and experience a perfect match of products and services for ultimate choice and complete peace of mind. Go with the **Classic** offering to secure the superior Phase One image quality at an affordable price.

Classic configuration

- P+ digital back
- 645 camera body
- 80mm digital AF lens
- Capture One DB
- 1 year classic warranty

Accessories

- Waterproof hard case
- Lens pouch
- Digital back battery
- Dual DB battery charger
- 4.5m Firewire cable
- Body and lens caps
- Camera neck strap

Value added configuration

- P+ digital back
- 645 camera body
- 80mm digital AF lens
- Capture One PRO
- 3 year value added warranty with digital back loan unit

Accessories

- Waterproof stroller hard case with room for 17" laptop
- Multimount adapter for HB V-lenses
- 2 lens pouches
- 2 digital back batteries
- Extra camera battery cassette
- Dual DB battery charger
- DB Multi connector cable
- LCC calibration plate
- 2 GB CF card
- Firewire card reader
- 4.5m Firewire cable
- QP reference card
- Digiclean kit
- Body and lens caps
- Camera neck strap



Phase One P+ Digital Back Technology

Extreme equipment design

From rain to snow, hot to cold, no other digital back can withstand the conditions that P+ backs are designed to handle.

Future-proof performance

Phase One is constantly pushing the limits of digital capture with new innovative solutions. Together with attractive upgrade paths to new products, you are guaranteed a secure investment now and in the future

P+ key advantages

- Ultimate image quality
- Engineered for extreme use
- Intuitive, four button operation
- Sleeping architecture – instantly go from sleep to alert

IIQ Raw files

The Phase One IIQ raw file technology implemented in P+ digital backs secures the finest detail in images while ensuring uninterrupted sessions.

- Lossless compression of RAW files
- Secure all details and true colors
- Unlimited burst rate

3S secure storage

The 3S technology ensures that your images are secure when shooting to CF cards.

- Integrity check of CF card
- Correction of corrupted files
- Shoot with peace of mind

Sensor+ technology (patent pending)

The P 65+ and P 40+ digital backs feature Sensor+ breakthrough innovation for unprecedented versatility in photography.

Choose 15 / 10 megapixel captures for faster workflow and higher sensitivity or 60.5 / 40 megapixel captures for extreme details. By adding pixels together on the CCD chip, larger pixels are created for increased sensitivity and smaller files. Sensor+ is unique by maintaining full sensor area and image quality while scaling.

Your benefits from Sensor+

- No lens factor. True wide angle performance
- No crop. Full frame captures at 100% or 25% resolution
- 4 times higher sensitivity in Sensor+ capture mode



Sensor+ sample images. Full frame images at 100% and 25% resolution, using Sensor+ capture mode.



XPose+ technology

P 45+, P 30+ and P 25+ all feature exclusive Phase One XPose+ technology. XPose+ enables noise free exposures up to one hour, unlocking a world of creative options.

Your benefits from XPose+

- One hour extreme exposures
- Limitless for interior, architecture and landscape photography
- Unique look and techniques, such as light painting
- Noise free images



Ultimate image quality

Constant innovation by Phase One ensures that you will always deliver the ultimate in image quality to your clients. The following technologies are shared across all platforms.

Lens+

Lens enhancement tools are provided through Capture One 4 PRO software. Phase One digital lenses and other popular lenses are automatically enhanced, while Lens+ can be manually applied to other lenses.

- Removes lens distortion
- Corrects for light fall off
- Controls vignetting

Focus+

Focus+ is another benefit from Capture One 4 PRO, making images sharp and flawless.

- Ensures edge to edge sharpness
- Removes chromatic aberration
- Eliminates purple fringing

Dynamic+

Phase One P+ backs offer an incredible dynamic range of up to 12.5 f-stops. Dynamic+ technology also features great low light performance.

- Up to 12.5 f-stops dynamic range
- Up to ISO 3200
- Less noise at all ISO settings

Opticolor+

Opticolor+ is an exclusive Phase One technology that maintains color detail and accuracy in even the darkest shadows.

- Ensures perfect skin tones
- Maintains color accuracy
- Optimizes files for reproduction

P 65+

Capture redefined

Being the benchmark for reliability and image quality, the P 65+ ensures that you amaze your clients at every capture. The P 65+ offers the worlds first full frame 645 sensor, delivering astounding 60.5 megapixel captures. Patent pending Sensor+ technology allows you to switch between 60.5 and 15 megapixel captures.

Key advantages include:

- Sensor+ technology solution.
- Switch between 60.5 megapixel captures with an astounding level of detail, and
- 15 megapixel captures for faster workflow and up to ISO 3200 sensitivity
- Extreme 12.5 f-stops dynamic range
- True wide angle performance
- 100% viewfinder area for best composition
- Up to 1.4 frame per second capture rate

Specifications



Inset image © Drew Gardner

Resolution	60.5 megapixels
Pixel size	6 x 6 microns
Live area	53.9mm x 40.4mm
ISO range	50, 100, 200, 400, 800
Dynamic range	12.5 f-stops
Bit depth	16 bit per color
IIQ small	40 MB RAW files
IIQ large	60 MB RAW files
Sensor+ capture mode	
Resolution	15 megapixels
Pixel size	12 x 12 microns
ISO range	200, 400, 800, 1600, 3200
IIQ small	10 MB RAW files
IIQ large	15 MB RAW files

P 40+

Capture revolution

The P 40+ is a capture revolution. With capture rates of up to 1.8 frames per second in Sensor+ mode and an ISO range from 50 to 3200, this digital back is truly revolutionary.

Key advantages include:

- Sensor+ technology solution.
- Switch between 40 & 10 megapixel captures using Sensor+
- 40 megapixels for highest image quality and detail level
- 10 megapixels for higher sensitivity and faster workflow
- ISO range from 50 – 3200
- Fast capture rates - up to 1.8 fps.
- Extreme 12.5 f-stop dynamic range

Specifications



Inset image © Phase One. Photo by Steen Tronsgaard & Kajsa Björnberg

Resolution	40 megapixels
Pixel size	6 x 6 microns
Live area	43.9mm x 32.9mm
ISO range	50, 100, 200, 400, 800
Dynamic range	12.5 f-stops
Bit depth	16 bit per color
IIQ small	26 MB RAW files
IIQ large	40 MB RAW files
Sensor+ capture mode	
Resolution	10 megapixels
Pixel size	12 x 12 microns
ISO range	200, 400, 800, 1600, 3200
IIQ small	7 MB RAW files
IIQ large	10 MB RAW files

P 45+

Creative genius

The P 45+ is a no-compromise choice. With XPose+ technology, you have unlimited creativity for using long exposures to create unique images. Capture cars, architecture, landscapes or commercial in high resolution with total confidence.

Key advantages include:

- XPose+ technology solution
- Up to 1 hour noise free exposures
- Near full frame captures
- 39 megapixel captures
- Studio or location workhorse
- Perfect for interior and architecture

Specifications



Inset image © Torben Eskerod

Resolution	39 megapixels
Lens factor	1.1x
Live area	49.1mm x 36.8mm
Active pixels	7216 x 5412
Pixel size	6.8 x 6.8 microns
ISO range	50 - 800
Dynamic range	12 f-stops
Bit depth	16 bit per color
IIQ small	27 MB RAW files
IIQ large	44 MB RAW files

P 30+

Ultimate control

The fast capture rate and powerful moiré control makes the P 30+ an invaluable tool for high end fashion and people photographers. Combine this with 31 megapixel captures, great low light sensitivity and unfailing performance, and you have an incredible strong partner for any challenge.

Key advantages include:

- ISO 100 to 1600 for great versatility
- 31 megapixels for large prints
- Up to 48 captures per minute
- Superior moiré control
- XPose+ technology solution

Specifications



Inset image © Charles Cramer

Resolution	31.6 megapixels
Lens factor	1.3x
Live area	44.2mm x 33.1mm
Active pixels	6496 x 4872
Pixel size	6.8 x 6.8 microns
ISO range	100 - 1600
Dynamic range	12 f-stops
Bit depth	16 bit per color
IIQ small	22 MB RAW files
IIQ large	35 MB RAW files

P 25+

Specifications



Inset image © Malcolm Dare

Passionate vision

The P 25+ digital back gives you 22 megapixels, near full frame captures at an affordable price. The flexibility of the open platform allows you to mount the P+ backs on technical cameras, making the P 25+ a solid foundation for food, fine art or architectural photography.

Key advantages include:

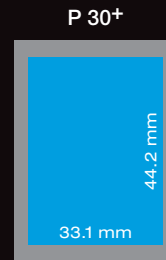
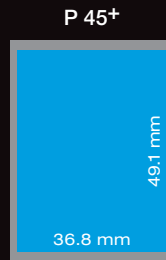
- Great entry solution for aspiring photographers
- Near full frame captures at 22 megapixels
- XPose+ technology solution
- Up to 1 hour noise free exposures
- Versatile, all-round digital back

Resolution	22 megapixels
Lens factor	1.1x
Live area	48.9mm x 36.7mm
Active pixels	5436 x 4080
Pixel size	9 x 9 microns
ISO range	50 - 800
Dynamic range	12 f-stops
Bit depth	16 bit per color
IIQ small	17 MB RAW files
IIQ large	22 MB RAW files

P+ Product Range

	P 65+		P 40+	
Lens Factor	1.0		1.3	
CCD size effective (mm)	53.9 x 40.4		43.9 x 32.9	
Active pixels	8984 x 6732		7320 x 5484	
Pixel size (micron)	Full res. 6 x 6	Sensor+ 12 x 12	Full res. 6 x 6	Sensor+ 12 x 12
Resolution (megapixels)	60.5	15.0	40	10
Light sensitivity (ISO)	50-800	200-3200	50-800	200-3200
Exposure time	1/10,000 – 1 minute			
Image quality	16bit-OptiColor+, 12.5 f-stops Dynamic+ and Lens+ technology			
Capture time (Frames per second)	1.0	1.4	1.2	1.8
Battery Lifetime (captures/ hours)	2000 / 3		2500 / 4	
Image buffer	1.3 GB High Speed RAM			
Display	2.2" QVGA TFT with 230,000 pixels, high brightness and contrast both indoor and outdoor, very fine details			

	P 45+	P 30+	P 25+
Lens Factor	1.1	1.3	1.1
CCD size effective (mm)	49.1 x 36.8	44.2 x 33.1	48.9 x 36.7
Active pixels	7216 x 5412	6496 x 4872	5436 x 4080
Pixel size (micron)	6.8 x 6.8	6.8 x 6.8	9 x 9
Resolution (megapixels)	39	31.6	22
Light sensitivity (ISO)	50-800	100-1600	50-800
Exposure time	1/10,000 sec. up to one hour with XPose+ technology		
Image quality	16bit-OptiColor+, 12 f-stops Dynamic+ and Lens+ technology		
Capture time (Frames per second)	0.67	0.8	0.67
Battery Lifetime (captures/ hours)	2500 / 4	3000 / 4	4000 / 4
Image buffer	640 MB high speed RAM	640 MB high speed RAM	
Display	2.2" QVGA TFT with 230,000 pixels, high brightness and contrast both indoor and outdoor, very fine details		



Phase One 645 AF Camera Body

The Phase One 645 camera is designed to be a seamless extension of your creativity. Extraordinary capture becomes natural through ease of use and direct control.

Shoot digital or film with no lens or back restrictions. Take advantage of the Phase One digital lenses or use your Mamiya 645 AF/ AFD or Hasselblad V lenses for broader choice and easy upgrade path.

Shutter speed from 1/4000s to 60 minutes.

The mirror and viewfinder of the Phase One 645 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 645 camera is extremely easy to use. All settings important to the exposure are easily controlled by manual dials and soft buttons.



Key advantages include:

- 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 AFD lenses or Hasselblad V lenses
- Use the P+ digital back with large format cameras
- Guaranteed up to 300.000 captures or 3 years
- Exposures from 1/4000s to 60 minutes
- Prepared for use with leaf shutter lenses

Phase One 645 AF

Camera type	Modular 645 AF SLR body
Lenses	Phase One Digital and Mamiya 645 AFD Compatible with Hasselblad V lenses Ready for leaf shutter lenses
Backs	Digital back and film ready Open platform back mount
Auto focus	TTL phase-difference AF with 3 focus points Focus confirmation in manual mode Infrared AF assist for unfailing focus Auto focus lock for swift AF/ M shift
Shutter	1/4000s to 60 minutes Up to 120 frames per minute Shutter speed bracketing
Flash	Up to 1/125s
Light Metering	TTL metering (average, spot and auto) Programmeable AEL button Exposure compensation: +/- 5EV
Mirror-Up	Electronically-activated by switch on grip

Specifications

Viewfinder	Fixed prism viewfinder Exchangeable diopter from -5 to +3 LCD panel with full exposure information
Focusing Screen	Interchangeable focus screens Laser engraved mask for digital back Matte, Grid, Checker, Microprism
Selftimer	Selftimer from 2 to 60 sec
Remote	Screw in cable release on shutter button Terminal for electronic triggering devices
Stop Down preview	Stop down button in front of camera
Tripod Socket	1/4 inch and 3/8 inch included
Power Requirements	6 AA batteries (standard or rechargeable) External battery pack - 6 AA batteries External AC adapter
User configuration	3 user presets for capture settings 36 custom settings Customizeable dials and buttons
Size	W,H,D // 6,5,7.2" // 153, 128, 184mm
Weight	61oz. / 1730g. w/o batteries

Phase One Digital Lenses



The Phase One Digital Lenses are designed for ultimate image quality and freedom of choice, using full frame digital backs or film.

World class optical performance combined with unique lens enhancement features in Capture One PRO, guarantees perfect captures.

- Manufactured for digital capture
- Precision manufactured, all metal barrels
- “On the fly” auto focus/manual selector
- Advanced digital lens enhancement through Capture One

Phase One Leaf shutter readiness



- Phase One cameras are leaf shutter ready
- No cables or special adapters required
- Full integration with Phase One camera body
- Simple, fast solution

Phase One Digital AF 28mm f4.5 Aspherical

Superb extreme wide angle lens for film and full format digital. Perfect for landscape, architecture and creative looks.

- Edge to edge sharpness
- Digital and film
- Perfect for landscape and architecture



Optical Construction	14 elements, 10 groups
Angle of View	102°
Aperture Range	f/4.5 – f/32
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	1.15 ft. / 35 cm
Maximum Magnification Ratio	0.15x
Area Covered	372 x 276mm
Equivalent 35mm Focal Length	17mm
Filter	Sheet filter on the rear mount
Lens Hood	Built-in
Dimensions	5.35 x 3.54" / 136 x 90mm
Weight	1.9 lbs. / 886 g. / 31.01 oz.

Phase One Digital AF 45mm f2.8

Using low dispersion glass, this wide angle lens offers minimal chromatic aberration and is ideal for high contrast conditions.

- Fast aperture for low light
- Compact size is great for travel
- Attractive pricing



Optical Construction	9 elements, 7 groups
Angle of View	74°
Aperture range	f2.8 – f/22
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	1.4 ft. / 45 cm
Maximum Magnification Ratio	0.13x
Area Covered	418 x 310mm
Equivalent 35mm Focal Length	29mm
Filter	67mm
Lens Hood	Bayonet
Dimensions	1.9 x 3" / 49.5 x 77mm
Weight	1.1 lbs / 492 g. / 17.35 oz.

Phase One Digital AF 80mm f2.8

Great general purpose lens with outstanding optical performance. All scenes are captured with amazing details and accuracy.

- Outstanding optical performance
- Shallow depths of field
- Lightweight and compact



Optical Construction	6 elements, 5 groups
Angle of View	47°
Aperture range	f/2,8 – 22
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	2.3 ft. / 70 cm
Maximum Magnification Ratio	0.15x
Area Covered	377 x 279mm
Equivalent 35mm Focal Length	50mm
Filter	67mm
Lens Hood	Bayonet
Dimensions	2 x 3.2" / 51.5 x 80.5mm
Weight	0.7 lbs / 330 g. / 11.6 oz

Phase One Digital MF 120mm f4 Macro

For beauty, portraits and close-up macro work, this lens will deliver amazing results.

- 1:1 magnification
- Precise manual focus
- Film or digital



Optical Construction	9 elements, 8 groups
Angle of View	33°
Aperture range	f/4 – f/32
Diaphragm	Automatic
Focusing System	Manual (digital focus confirmation)
Minimum Focusing Distance	1.3 ft. / 40 cm
Maximum Magnification Ratio	1.00x
Area Covered	56 x 42 mm
Equivalent 35mm Focal Length	73mm
Filter	67mm
Lens Hood	Built-in
Dimensions	4.4 x 3.25" / 111 x 83mm
Weight	1.8 lbs / 835 g. / 29.2 oz.

Phase One Digital AF 150mm f2.8 IF

To enhance operation for wedding and portraits, this fast lens offers internal focusing for easy use of special effect filters and vignettes.

- Amazing color and details
- Great low light performance
- Push-pull AF lock



Optical Construction	8 elements, 7 groups
Angle of View	26°
Aperture range	f/2.8 – f/22
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	3.3 ft. / 100cm
Maximum Magnification Ratio	0.19 x
Area Covered	295 x 218mm
Equivalent 35mm Focal Length	93mm
Filter	72mm
Lens Hood	Bayonet
Dimensions	4.7 x 3.3" / 120 x 85mm
Weight	1.7 lbs / 780g / 27.03 oz.

Phase One Digital Zoom AF 75-150mm f4.5

The versatility of this lens makes it a preferred choice for on location fashion photographers, securing great image quality at all focal lengths.

- Prime lens image quality
- Push-pull AF lock
- Compact zoom lens



Optical Construction	11 elements, 10 groups
Angle of View	50° - 26°
Aperture Range	f/4.5 – f/32
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	3.3 ft. / 100cm
Maximum Magnification Ratio	0.09 ~ 0.16x
Area Covered	545 x 409mm (at 75mm); 293 x 220mm (at 150mm)
Equivalent 35mm Focal Length	47 - 93mm
Filter	77mm
Lens Hood	Bayonet
Dimensions	5.7 x 3.4" / 145 x 86mm
Weight	2.5 lbs. / 1114g / 38.99 oz.

Capture One 4 PRO



Capture your creativity and deliver superior image quality. Capture One 4 PRO provides you with the tools you need to add a creative edge to your personal style.

Reduce the time and effort required to deliver stunning, ready-to-use images via excellent out-of-the box image appearance, precision adjustment tools and a powerful processing engine. Workflow and tool tabs are customizable, adapting to a photographer's needs.

Capture One 4

Capture One 4 is your simple way to superior image quality. By converting your RAW files in Capture One 4, you can be sure to get the most out of your images. Spend more time concentrating on photography instead of post-production.

Selected feature overview Capture One 4 and Capture One 4 PRO

Feature/function	PRO	4
Mac and PC support with transferable computer activation	√	√
Import utility with preview	√	√
Support for most popular DSLRs and Phase One digital backs*	√	√
Tethered support for Phase One digital backs as well as most popular Canon and Nikon DSLRs*	√	
Overlay feature for composition or layouts	√	
Multiple monitor support	√	
Customizable workspaces, tool tabs and floating tools	√	
Instant, customizable Web contact sheet	√	√
Selective color adjustment for image colors and camera profiles	√	
Styles tool for applying your custom looks to existing or new captures.	√	
CMYK color proofing and output	√	
High dynamic range tool to recover shadow or highlight detail	√	√
Simple Moiré Suppression tool to help eliminate color moiré	√	
Lens correction tools – Chromatic aberration, purple fringing, pincushion and barrel distortion, vignetting control and sharpness falloff	√	
Process multiple files with unique recipes from a single RAW file	√	

*For an updated list of supported cameras, please visit www.phaseone.com/4

Phase One Accessories

Phase One offers a wide range of accessories to complete the photographic solution, ensuring that you have the right tools available for the job.

In addition to the accessories offered by Phase One directly, you will find many more accessories as well as complete solutions available through the Phase One professional dealer network. Examples include adapters for Fuji 680, Mamiya RZII D and complete solutions like copy stands and aerial solutions – all taking advantage of the image quality and reliability of the Phase One digital backs.

Contact your local dealer to get a complete overview of available solutions and accessories.



Phase One Digital Back Accessories:

- Phase One Flex Adaptor for 4 x 5" Cameras
- LCC Calibration Solution
- CCD cleaning kit

Phase One 645 Camera Accessories:

- Phase One Camera Stroller Case with laptop insert and dividers
- Multimount for Hasselblad V lenses
- L-bracket with handstrap for fast change from vertical to horizontal orientation on tripod
- Phase One Camera neck strap
- Phase One 645 extra battery module
- Phase One 645 body front and back cap
- Phase One lens pouch
- Lens cleaning cloth

Phase One 645 Camera – Focus screens with laser engraved masks:

- Focus screen for P 21+ and P 30+
- Focus screen for P 25+ and P 45+
- Focus screen for P65+ (Full frame - no engraved mask)

Technical Camera Solutions



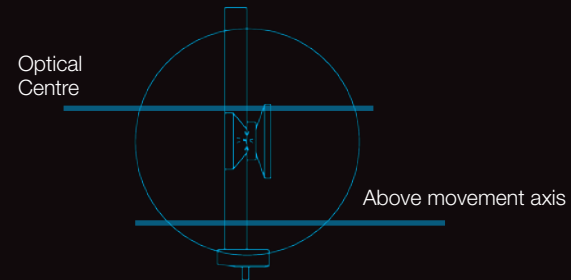
FlexAdapter

- Universal design using View camera lens boards
- Quick insert plates allow for fast platform switch
- Viewfinder includes pop-up magnifier
- Supported View Cameras: Arca-Swiss, Cambo, Horseman, Linhof, Sinar, Toyo
- Orientation support: Horizontal and vertical depending upon camera model and movements required
- Included items: FlexAdapter, specific View Camera mounted plate, focusing screen, removable viewfinder with pop-up magnifier, wake-up sync cable
- Simple to operate, requiring no external power supplies
- Easy to operate with electronic or mechanical shutter systems



Arca-Swiss bundle solution

- Complete integrated solution for Phase One P+ backs
- Mechanical and digital shutter bundles
- The most advanced view camera movements saving time and producing a better final image
- Arca-Swiss orbix solution



Technical Camera Solutions



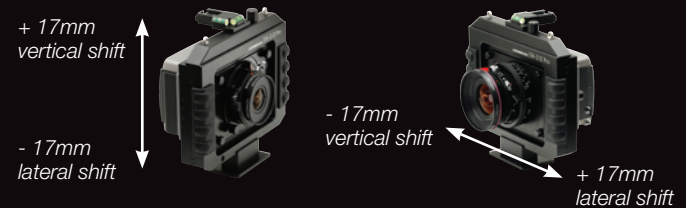
Cambo Wide DS

- Traditional technology for advanced digital capture
- Primarily for architecture and landscape use
- Optimized for extreme wide angle (i.e. 24mm, 28mm, 35mm lenses)
- Geared movement design
- Focusing mount included on lenses
- Cambo Wide DS movements



Horseman SW-D II Pro

- Ultra compact design
- Primarily for architecture and landscape use
- Optimized for extreme wide angle
- Friction movement design
- Focus mounts included on lenses
- Horseman SW-D II Pro movements



Phase One warranty and support program

Phase One equipment is made to last. Combine this with the extended support and warranty program and be assured that your investment is safe.

Amongst many other benefits of the Value Added warranty, we offer you a digital back loan unit during repair of digital back, free of charge. This means you are secured maximum uptime. The loan unit will be supplied within 24 hours of filing the case at Phase One.

Value Added warranty

Value added warranty and services	Digital Back	645 Body	Lenses
Warranty period	3 years	3 years	3 years
Free repair of manufacturing defects	Yes	Yes	Yes
Shutter actuations covered	Unlimited	300.000	Unlimited
Product defect within first month	New product	New product	New product
Free loan unit during repair	Yes	No	No
Free camera platform exchange	Yes	No	No
24/7 online support forum and access to knowledge base articles	Yes	Yes	Yes
Guarenteed upgrade program	Yes	Yes	No

Phase One warranty and support program

Before shipping, all Phase One Camera Systems undergo a thorough manual inspection and control procedure for absolute peace of mind:

- Sensor focus adjustment
- Luma/Chroma calibration & verification
- Illumination invariance verification
- Surface inspection
- Mechanical parts verification
- Usability testing & capturing of images
- Visual inspection of images
- User interface testing
- Assembly and functional test
- Final test cycle

Classic warranty

Classic warranty and services	Digital Back	645 Body	Lenses
Warranty period	1 year	1 year	1 year
Free repair of manufacturing defects	Yes	Yes	Yes
Shutter actuations covered	Unlimited	100.000	Unlimited
Product defect within first month	Repair	Repair	Repair
Free loan unit during repair	No	No	No
Free camera platform exchange	No	No	No
24/7 online support forum and access to knowledge base articles	Yes	Yes	Yes
Guarenteed upgrade program	Yes	Yes	No

General Phase One services

24/7 Knowledge Base and online Support Forum

Phase One's searchable Knowledge Base at <http://support.phaseone.com> provides you with detailed answers to most questions that you might have. In addition, Phase One's official support forum lets you easily share your experiences and get assistance from others.

Access to worldwide service network

The Phase One dealers serve as your direct contact in more than 80 countries and their 24 hour access to the Phase One support team ensures full technical support no matter when and where you need it.

Attractive upgrade path to new products

Leading innovation in digital capture over a decade, Phase One will always push the limits of photographic equipment. By offering you an attractive upgrade path to new products, you will always stay updated while securing the value of your original investment.

Additional resources

Phase One website

- Articles, case studies available as PDF downloads
- Phase One Portfolio series offering images and techniques including lighting and workflow suggestions
- Global rental services listing
- Dealer locator
- Phase One photographer of the week images
- Phase One photographer image galleries
- User forum

Phase One newsletter

- Feature articles about photographers, techniques and the photographic industry
- Updates and announcements for software and hardware
- Software "How to" articles and video links
- Software and hardware user reviews
- Sign up via www.phaseone.com

“Freedom of choice is the freedom to use the right creative tool for the job. Phase One is committed to equipping photographers with what they need to surpass even their most passionate visions and enjoy the process”

Henrik Håkonsson, CEO, Phase One

www.phaseone.com

PHASE**ONE**

what the world's best photography is made of