

CAMBO

WHERE TRADITION MEETS VISION

ACTAR-15

Actus Camera Lens

Perspective Control - Selective Sharpness

Actar-15 is the latest addition to the expanding range of Cambo Actar lenses.

Designed for architectural, interior and landscape photography, it offers an optical system which has almost no geometrical distortion, while still featuring a generous image circle of over 65 mm.

Cambo's ACTAR-15 is an ultra wide-angle lens, dedicated to the Cambo Actus series. Its design allows it to focus at infinity with mirrorless camera bodies.

The generous image circle accommodates for 15mm shifts using 24x36 sensors, while 33x44 MF sensors still allow for up to 6 mm shift.

The optical design is built out of 17 elements, special coated for high contrast.



Technical specifications:

- focal length: 15mm
- aperture range: f 4.5 - 22
- filter thread: no filter thread
- image circle: 65mm
- weight: 760 gram
- lens design: 17 element/11 groups
- build for: Cambo Actus with mirrorless camera bodies
- size L x W x H: 95 x 98 x 130 (includes lens cover)

ACTAR-19

Actus Camera Lens

Perspective Control - Selective Sharpness

Cambo's ACTAR-19 is a 19mm wide-angle lens, dedicated to the Cambo Actus series.

The distinctive attribute of this lens is its powerful image circle of over 71mm, while showing virtually no geometrical distortion. The image circle makes this lens usable with all sensor formats from APS upto 150mp Digital Backs.

When the Actar-19 is mounted in combination with a GFX Fujifilm camera series it allows for at least 9mm of shift. Even in relation to a 54x41mm sensor -using the sensor based electronic shutter- a bit of shift is possible before vignetting.

This lens include glass elements that have Nano Crystal Coat which optimises image quality under various conditions.

Technical specifications:

- focal length: 19mm
- aperture range: f 3.5 - 32
- filter thread: no filter thread
- image circle: 71mm
- weight: 880 gram
- lens design: 17 element/13 groups
- build for: Cambo Actus with various camera bodies and DB
- size L x W x H: 121 x 102 x 132 (includes lens cover)



ACTAR-24

Actus Camera Lens Perspective Control - Selective Sharpness

Cambo's ACTAR-24 is a 24mm wide-angle lens, dedicated to the Cambo Actus series. Thanks to its design it will focus at infinity with mirrorless as well as DSLR camera bodies.

On full frame 24x36 sensors the optics allow for 10mm shifts. Using smaller sensors you may gain more shift, as the Actus offers more adjustments within the lens' 60mm image circle.

While offering a normal wide-angle in one shot, this lens can also be used for more demanding viewing angles using stitching multiple images within its image circle.

The optical design is built out of 16 elements, multicoated for high contrast.

Technical specifications:

- focal length: 24mm
- aperture range: f 3.5 - 22
- filter thread: m82
- image circle: 60mm
- weight: 660 gram
- lens design: 16 element/11 groups
- build for: Cambo Actus (no shutter)
- size L x W x H: 95 x 98 x 130



© Hans Morren
Cambo Actus - Sony A7
Actar-24 lens



ACTAR-35

Actus Camera Lens Perspective Control - Selective Sharpness

Cambo's Actar-35 is a rebuild lens dedicated to the Actus in combination with a dslr or mirrorless camera. This lens is permanently attached to an Actus lens panel and has a focal length of 35mm. This makes it an ideal companion for landscape and architectural photographers.

This ACTAR-35 [retrofit] is based on the Contax Distagon 35 for the 645 system. The electronic aperture is replaced with a manual version, while being rehoused at the Cambo factory.

As the image circle is designed on the 4,5x6 format, there is an optically allowed horizontal shift possible of 10mm each side when using a full frame (24x36) sensor, when using a 33x44 sensor of the MF camera bodies, the shift possibilities limit to 5mm.

Technical specifications:

- focal length: 35mm
- aperture range: f 3.5 - 32
- filter thread: m95
- image circle: 70mm
- weight: 815 gram
- lens design: 16 element/11 groups
- build for: Cambo Actus (no shutter)
- size L x W x H: 116 x 100 x 133



ACTAR-60

Actus Camera Lens

Perspective Control - Selective Sharpness



Cambo's ACTAR-60 is a 60mm standard lens, dedicated to the Cambo Actus series. It will focus at infinity in combination with mirrorless camera bodies, not with DSLR bodies, due to its compact design.

The ACTAR-60 is a lens with no geometrical distortion. As the image circle is 75mm, there is an optically allowed horizontal shift possible of 15mm each side when using a full frame (24x36) sensor in landscape mode, and 17mm in portrait mode. When using a smaller APS-C sensor the shift possibilities grow to 20mm. Of course vertical shifts have the same possible numbers in reverse order.

The optical design of this lens is a 6 element, of which all lenses are multicoated to achieve the best contrast.

Technical specifications:

- focal length: 60mm
- aperture range: f 4.0 - 22
- filter thread: m40,5
- lens design: 6 elements/4 groups
- image circle: 75mm
- build for: Cambo Actus (only for mirrorless bodies)
- size L x W x H: 41 x 98 x 130
- weight: 300 gram



ACTAR-80 & 90

Actus Camera Lenses

Perspective Control - Selective Sharpness



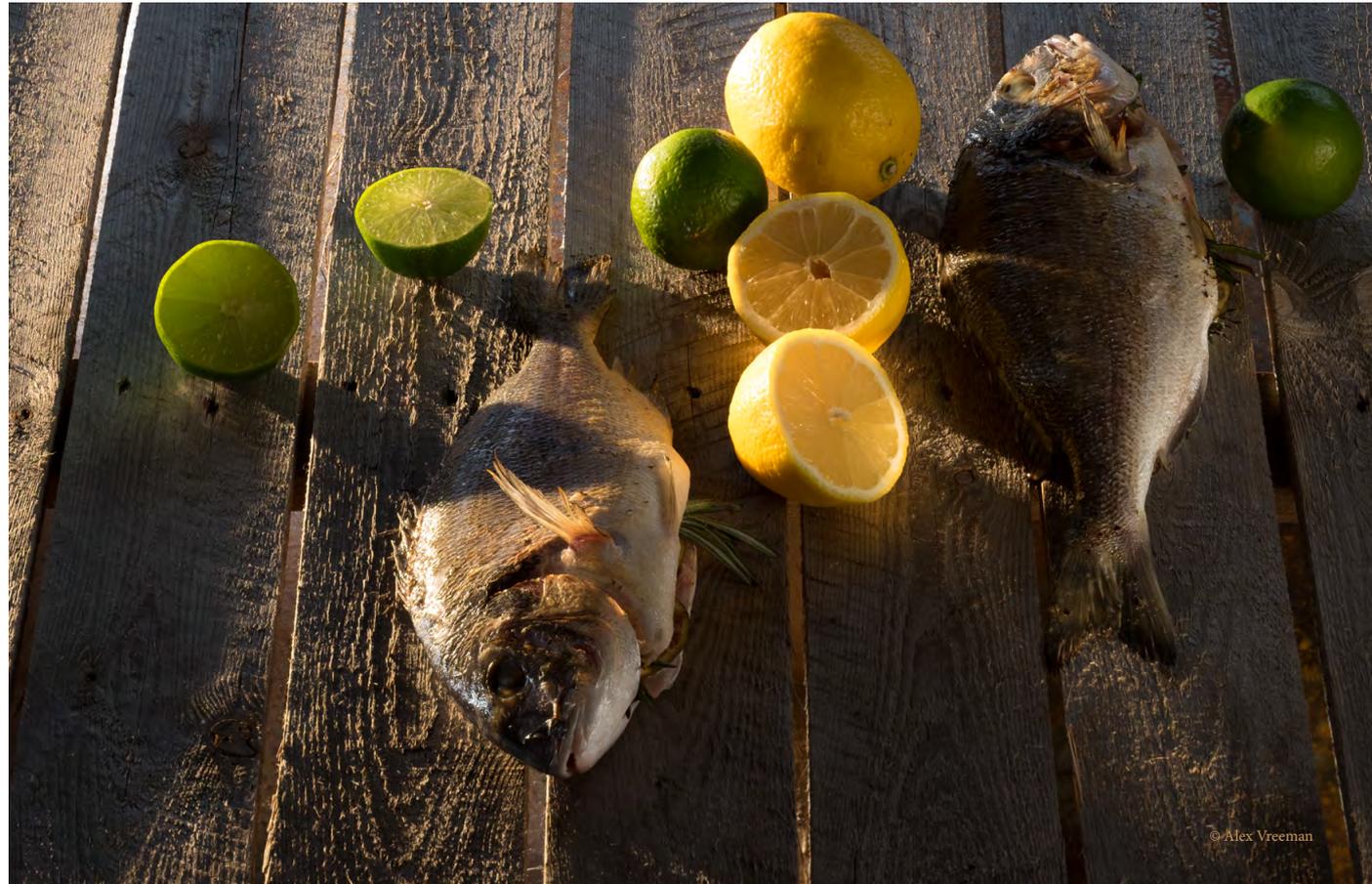
Cambo's ACTAR-80 and ACTAR-90 are 80mm and 90mm standard lenses, dedicated to the Cambo Actus series. Both will focus at infinity in combination with mirrorless camera bodies as well as DSLR bodies.

Both ACTAR-80/90 lenses are ideal for product photography, including fashion, food and jewellery. An extensive image circle of 85 to 90mm, allows for horizontal shifts over more than 20mm each side when using a full frame (24x36) sensor in either landscape or portrait mode.

The optical design of this lens is a 7 element, of which all lenses are multicoated to achieve the best contrast.

Technical specifications:

-focal length:	80mm	90mm
-aperture range:	f 4.0 - 22	f 4.0 - 22
-filter thread:	m40,5	m40,5
-lens design:	7 elements/5 gr.	7 el./5 gr.
-image circle:	85mm	90mm
-weight:	355 gram	325 gram
-size L x W x H:	47 x 98 x 130	44 x 98 x 130
-build for:	Cambo Actus (no shutter)	



ACTAR-105

Actus Camera Lens Perspective Control - Selective Sharpness

Cambo's ACTAR-105 is a lens dedicated to the Cambo Actus in combination with any DSLR or mirrorless camera, mounted to the Actus. This lens has a focal length of 105 mm. This makes it an ideal companion for dedicated studio and primarily macro photography.



ACTAR-105 is optimised for magnifications between 1:4 and 4:1, featuring a floating element for the best performance at the set magnification.

Technical specifications:

- focal length: 105mm
- aperture range: f 5.6 - 16
- filter thread: m43 x 0,75
- lens design: 8 elem./4 groups
- image circle: 82mm
- size L x W x H: 75 x 98 x 130 mm
- weight: 548 gram
- build for: Cambo Actus (no shutter)

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Chlorocala africana oertzeni
FROM TANZANIA



Camera: **SONY A7R2+CAMBO ACTUS**
Lens: ACTAR-105 HR-MACRO
Light: 3x flash
Focus Stack: 648 Shots
WeMacro by 200um step



ACTAR-120

Actus Camera Lens

Perspective Control - Selective Sharpness

The ACTAR-120 is a macro lens with a focal length of 120mm, dedicated to the Cambo Actus series. It will focus until infinity in combination with all mirrorless and DSLR camera bodies.

ACTAR-120 is a lens which is primarily designed for an optimal performance at close-up range, between 1:1 and 1:10. Nevertheless, this lens can also be used for general purpose photography.

The design of this lens is build of 6 elements, of which all lenses are multicoated to achieve the best contrast.

Technical specifications:

- focal length: 120mm
- aperture range: f 5.6 - 32
- filter thread: m40,5
- lens design: 6 elements/4 groups
- image circle: 100mm
- size L x W x H: 44 x 98 x 130
- weight: 315 gram
- build for: Cambo Actus (no shutter)

