Voigtländer

NOKTON 35mm F1.2
X-mount

INSTRUCTION MANUAL

Thank you for purchasing a Voigtlander product. The Voigtlander X-mount series is an interchangeable lens designed exclusively for X-mount that covers the APS-C frame size. The optical system is optimized to meet the specifications of a digital image sensor.

This product is based on manual focus and mechanical interlocking manual apertures. However, the communication functions using electronic contacts [1] reflect the lens usage status in the Exif information of the shooting data.

It also has a built-in distance encoder, so you can take pictures using the focus check function and the distance index bar. It further supports models equipped with an in-body image stabilization function.

Features of the X-mount series

■ Equipped with electronic contacts [1] Compatible with APS-C X mount

■ Optical design optimized for X-mount sensor

■ Highly rigid and durable all-metal lens barrel

■ Manual focus for reliable focusing

[1] This product is equipped with electronic contacts, but there are restrictions on the body which can perform electronic communication. Please check the URL (QR code) below for models that support electronic communication.

www.cosina.co.jp/seihin/voigtlander/english/

Tips for lens care and safety

These tips are to protect the user from injury or damaging the lens.

⚠️	**WARNING**	If the user ignores this warning and uses the equipment incorrectly, serious injuries and even death may be the result.
⚠️	**CAUTION**	If the user ignores this caution sign it might result in injuries and damage the equipment.
⚠️	**WARNING**	Never look directly at the sun with a telephoto lens as this can damage your eyes.
⚠️	**CAUTION**	Keep the lens, camera and accessories out of the reach of children.
⚠️	**CAUTION**	Store the lens away from direct sunlight and always store the lens with lens-cap on. Failure to do so may create a fire hazard.

Precaustions for use

This product is equipped with electronic contacts, but there are restrictions on functions the body which can perform with electronic communications. Please check the URL (QR code below) for models that support electronic communications.

This product is intended to be used with the X-mount camera body.
Please note that using it with teleconverters, mount adapters, macro adapters, etc. may cause
problems.

Never touch the lens surface. In case it is dirty or dusty use commercial lens cleaner or appropriate lens cleaning cloth.
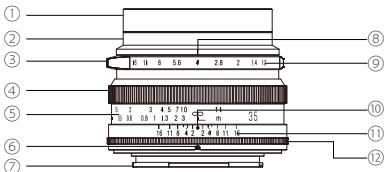
Please check here for electronic communication compatible camera body information.
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Description of Parts

① Lens Hood
② Filter Ring
③ Aperture Ring
④ Focus Ring
⑤ Distance Scale
⑥ Mount Index
⑦ Mount
⑧ Aperture Index
⑨ Aperture Scale
⑩ Distance Index
⑪ Depth of Field Scale
⑫ Depth of Field Ring

● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach/detach the lens.

 * Please make sure to set the power of the camera to "OFF".

Please hold the Depth of Field Ring ⑫ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

● Attaching Lens Hood

Screw the Lens Hood ① to the front of the lens.
If the hood is difficult to unscrew, trying to unscrew it with too much force may make the hood warp and then the situation will be worse. Please only slightly press the rim of the hood towards the lens when you turn it.

● Attaching Filter

1. Screw the filter (Ø46mm) to the front of the lens.
2. Screw the Lens Hood ① into the thread of the filter when using the Lens Hood ① together with the filter.

    * Do not screw the filter into the thread of the Lens Hood ① . This may cause vignetting.

Preparation (camera body settings)

By setting the camera body below, you can shoot using the functions of the lens and body. For details on camera body settings, refer to the instruction manual of the camera you are using.

1. Telecommunications compatible models
*When using with a telecommunications compatible model, if the camera firmware is not current, the performance of this product may not be fully utilized or some functions may be limited, so please use the latest version of the camera firmware.

1-1.   Aperture display setting (change from T value to F value)
The aperture value display is set to "T value" by initial setting on the camera body. By changing the "T value" to "F value", you can use the same numerical value as the aperture value display of this product.
Even if the aperture value setting is left as "T value", the Exif display will be displayed as "F value".

1-2.   Depth of field scale setting (change to film standard)
By setting the depth of field scale of the camera body to "Film reference", the depth scale engraved on this product, and the depth range displayed, on the body will match.

2. Models that do not support telecommunications

When using with a model that does not support telecommunications, set [Release without lens] to "ON" in the camera body settings.

How CPU/Contact works

1. Exif Data

Image file can store the Exif data of lens.

(For example, if you use Voigtländer 35mm F1.2)

Lens	VOIGTLANDER NOKTON 35mm F1.2
Focal length	35mm
Maximum Aperture	F1.2
Aperture	The aperture value you used to take the picture

2. Focus check

With [Focus Check] on the camera body is "ON", the live view display can be automatically enlarged when the focus ring is rotated. You may cancel this enlargement by pressing the shutter button halfway

3. Distance display

When the focus ring is rotated, a guideline for the distance to the focus position is displayed on the screen.

*In the camera body settings, you can switch "ON" and "OFF" of [distance index during MF] and adjust MF assist. For details, please refer to the instruction manual of the camera body you are using.

4. Image stabilization

This lens supports the camera shake correction function.

*The camera shake correction function can be switched "ON / OFF" by the appropriate setting on the camera body.

For details, please refer to the instruction manual of the camera body.

● Specifications

Product Name	NOKTON 35mm F1.2
Focal Length	35mm
Maximum Aperture	F1.2
Minimum Aperture	F16
Lens Construction	6 groups 8 elements
Angle of View	44°
Aperture Blade	12
Minimum Focus	0.3m
Macro Ratio	1:6.7
Filter Size	Ø46mm
Maximum Diameter	Approx. Ø59.6mm
Length	Approx. 39.8mm
Weight	Approx. 196g
Mount	X-mount
Aperture Ring	Available (Manual Setting)(1/3 stop increments)
Electric Contact	Available
Exif Data	Available
Focus check	Available
Supports parallax correction	Available (only with compatible bodies)

* Specification and information is subject to change without prior notice.

● Specifications

In-body camera shake correction function	Possible * only on camera body with Image Stabilization
Supplied Accessory	Front Cap, Rear Cap, Lens Hood
Corresponding shooting mode	A [Aperture priority] M [Manual]