



# **NOKTON 35mm F0.9 Aspherical 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 which covers the APS-C frame size. The optical system is optimized to meet the specifications of a digital image sensor.

This product features manual focus and mechanical interlocking manual apertures. The data communication functions using electronic contacts \* 1 and reflect the lens data in the Exif information.

It also has a built-in distance encoder, so you can make images 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 accurate focusing

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

[www.cosina.co.jp/voigtlander/en/](http://www.cosina.co.jp/voigtlander/en/)



## 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.

## Precautions for use

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

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

Never touch the lens surface. In case it is dirty or dusty use commercially available lens cleaners or an appropriate lens cleaning cloth.

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Please check here for electronic communication compatible camera information.

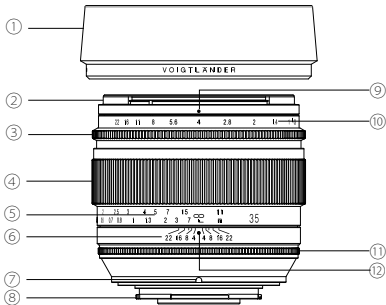
[www.cosina.co.jp/voigtlander/en/](http://www.cosina.co.jp/voigtlander/en/)



## Description of Parts

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



## ● 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 Scale ⑩ to attach/detach the lens. If you attach/detach the lens while holding other parts of the lens barrel it may damage the lens.

## ● Attaching Lens Hood

Attach the lens hood by lining up the white dot on the lens hood ⑪ with the aperture indicator mark ⑨ and then turn the lens hood clockwise until it stops. Remove the lens hood by rotating it anticlockwise. The lens hood can also be attached in the reverse position to improve portability.



## ● Attaching Filter

Screw the filter (Ø62mm) to the front of the lens.

## **Preparation (camera body settings)**

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By setting the camera body as 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. Electronic communication compatible models**

\*When using with an electronic communication 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's firmware.

#### **1-1. Aperture display setting (change from T value to F value)**

The aperture value display is set to "T value" by the initial setting on the camera body. By changing the "T value" to "F value", you may use the same numerical value as the aperture value displayed on this product.

Even if the aperture setting is left as "T value", the Exif display will always be displayed as the "F value".

#### **1-2. Depth of field scale setting (change to film standard reference)**

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 electronic communications**

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



## How CPU/Contact works

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### 1. Exif Data

Image file can store the Exif data of lens.

(For example, if you use Voigtländer 35mm F0.9)

Lens	VOIGTLANDER NOKTON 35mm F0.9
Focal length	35mm
Maximum Aperture	F0.9
Aperture	The aperture value you used to take the picture

### 2. Focus check

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

### 3. Distance display

When the focus ring is rotated, a numerical 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 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 more details, please refer to the instruction manual of your camera.

## ● Specifications

Product Name	NOKTON 35mm F0.9 Aspherical
Focal Length	35mm
Maximum Aperture	F0.9
Minimum Aperture	F22
Lens Construction	8 groups 10 elements
Angle of View	43.8°
Aperture Blades	12
Minimum Focus	0.35m
Macro Ratio	1:7.1
Filter Size	Ø62mm
Maximum Diameter	Approx. Ø72.7mm
Length	Approx. 64.9mm
Weight	Approx. 492g
Lens Hood	Available
Mount	X-mount
Aperture Ring	Available (Manual Setting)(1/3 stop increments)
Electric Contacts	Available
Exif Data	Available
Focus check	Available
Supports parallax correction	Available (only with compatible cameras)

\* Specifications and information is subject to change without prior notice.

## ● Specifications

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

\* Specifications and information is subject to change without notice.