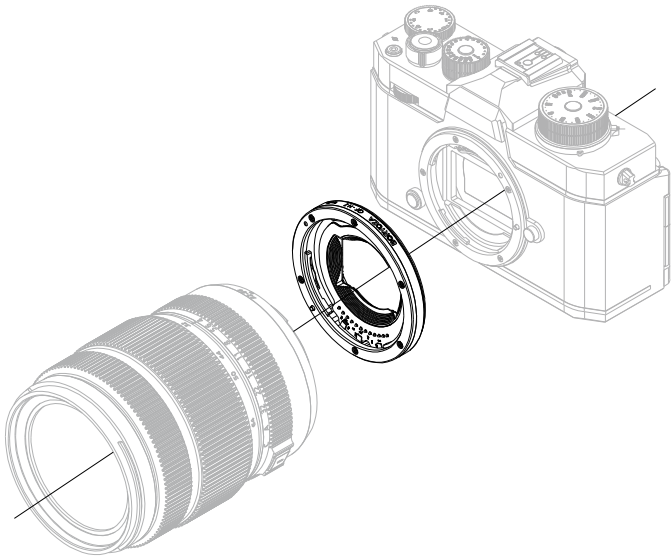


GF-NZ Smart User Manual

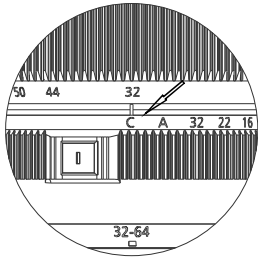
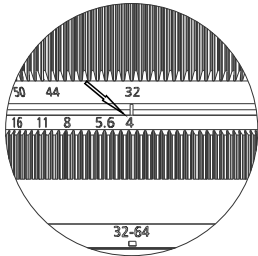


- Supports Autofocus (AF)
- Supports Automatic Aperture Control
- Supports Optical Image Stabilization(OIS)
- Supports Manual Lens Focus Confirmation
- Supports Lens Aperture Control Ring
- Supports Lens EXIF Data Recording
- Supports Firmware Upgrade

GF Lens Aperture Ring Operation

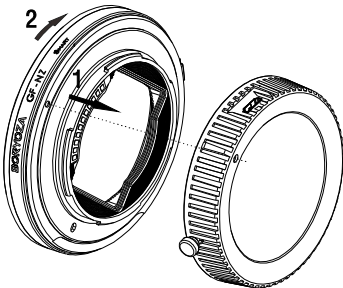
Lens aperture can be set in two alternative methods:

- 1、Use the aperture control ring on the lens directly to set the aperture value by rotating the ring to the desired stop.When the aperture is set directly via the lens control ring, the camera will operate in Aperture Priority (AV) or Manual (M) mode for aperture control.In this operating mode, setting a small aperture such as F16 or F22 in low-light conditions may cause difficulty in focusing.
- 2、Set the lens aperture ring to the C position, then adjust the aperture value via the camera control dial.To use automatic aperture control, set the camera exposure mode to P or S, and turn the lens aperture control ring to the C position.



Firmware Upgrade

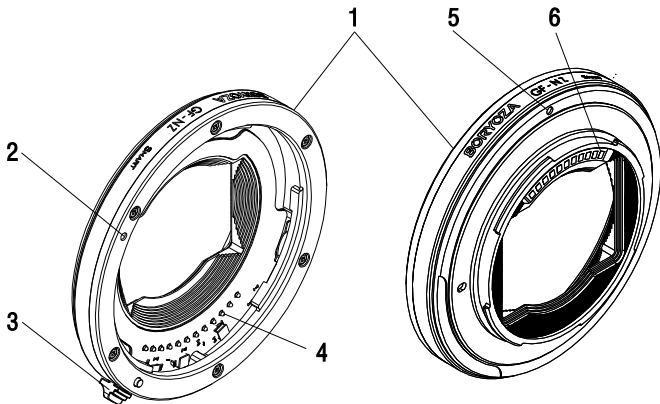
- 1、Align the white mounting mark on the camera side of the adapter with the white mark on the dedicated upgraded lens cap.
- 2、Rotate the adapter counterclockwise until the lens cap locks onto the adapter securely.
- 3、Connect the upgraded lens cap with the mounted adapter to a computer via a Micro USB cable.
- 4、The computer will recognize the adapter assembly as a removable disk named BORYOZA. Copy the new firmware file XXX.BIN to this disk.
- 5、Eject the removable disk safely; the firmware upgrade is completed.



BORYOZA(G:)

Component Names

- 1、Adapter Body
- 2、GF Lens Mounting Index (Red)
- 3、GF Lens Release Button
- 4、GF Lens Electrical Contacts
- 5、NZ Lens Mounting Index (White)
- 6、NZ Lens Electrical Contacts



Safety Precautions

- 1、When mounting the adapter to the camera and attaching the lens to the adapter, always ensure the unit is fully seated and the locking mechanism engages properly.
- 2、Always turn off the camera power before installing or removing the adapter to prevent damage to the camera or lens caused by accidental electrical signal contact.
- 3、Avoid touching the electrical contacts on the lens side or camera side of the adapter directly with your hands when picking up or installing the adapter, so as to prevent static electricity from damaging the internal circuit.
- 4、Do not immerse the adapter in water or expose it to rain, as this may cause product damage.
- 5、Do not disassemble the adapter arbitrarily; unauthorized disassembly may result in functional failure of the product.
- 6、Do not drop or bump the adapter. External impact may cause damage to the adapter.
- 7、When installing the dedicated upgraded lens cap, align it precisely with the mounting marks first to ensure correct fitting contact between the adapter and the lens cap.

Product Functions

- 1、The adapter features a built-in electronic chip and electrical contacts. When using original GF lenses, it supports auto and manual aperture control and autofocus.
- 2、It supports aperture adjustment via the aperture ring of original GF lenses, enabling AV (Aperture Priority) and MF (Manual) exposure modes.
- 3、It is compatible with the function buttons of original GF lenses, providing the same functionality as the L-Fn button of native Z lenses. You may customize the button for different quick functions via the camera menu (manual focus magnification is recommended).
- 4、When using ordinary manual lenses (non-electronic communication lenses or third-party lenses adapted to GF mount), the adapter can transmit data to the camera body. With the Nikon in-camera focus confirmation indicator, you can achieve faster and more accurate focusing than focus peaking (refer to your camera manual for detailed instructions).
- 5、Trap focus can be enabled through camera settings for capturing moving subjects (refer to your camera manual for operation steps).
- 6、It can record partial aperture values from F1 to F5.6. Aperture settings above F5.6 will cause incorrect exposure; therefore, such settings are restricted by the adapter.
- 7、The adapter database contains focal length values of commonly used lenses. You can set the preset lens focal length, which will be transmitted to the camera via mount communication and saved in the photo EXIF information.

Preset Focal Length Setting for Non-Electronic Communication Lenses

- 1、Mount the adapter onto the camera body with the power turned off. The installation of the lens is optional and has no effect.
- 2、Turn on the camera power, set the shooting mode to AV (Aperture Priority) or M (Manual), and set the focus mode to MF (Manual Focus).
- 3、After the camera displays normally, confirm the aperture is shown between F1-F5.6. Within 3 seconds, lightly press the shutter button 5 times.When the displayed aperture changes to F8-F32, the adapter has entered the lens specification setting mode.If the aperture value does not change, repeat the operation by lightly pressing the shutter 5 times quickly.
- 4、Turn the camera control dial to set the aperture value corresponding to the used lens (refer to the table below).
- 5、Press the shutter button to shoot and confirm the saved parameters.
- 6、Power off and restart the camera. The preset lens focal length will take effect, and subsequent photos will record the set focal length in the EXIF data.

Lens Specification Correspondence Table

F No.	Focal Length	Max Aperture
F8	18mm	F2.8
F9	24mm	F2.8
F10	28mm	F2.8
F11	35mm	F2.8
F13	50mm	F2.8
F14	80mm	F2.8
F16	100mm	F2.8
F18	135mm	F2.8
F20	150mm	F2.8
F22	200mm	F2.8
F25	250mm	F2.8
F29	300mm	F2.8
F32	400mm	F2.8