

En The FT1 Mount Adapter

The optional FT1 mount adapter allows NIKKOR F mount lenses to be used with Nikon 1 cameras equipped with a Nikon 1 mount. The angle of view of an F mount lens mounted on the FT1 is equivalent to that of a 35 mm format lens with a focal length about 2.7 × longer.

Before proceeding, be sure that you have read and understood the documentation for the FT1, camera, and lenses.

Autofocus

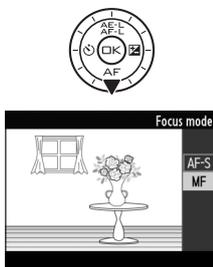
Autofocus is available only with AF-S lenses; other lenses support manual focus only. Set the camera focus mode to **AF-S** (the camera will not focus in other autofocus modes). The only AF-area mode available is **Single-point AF** and the camera focuses on the subject in the center focus point only. Face-priority AF is not supported. In some cases, a beep may sound, the in-focus indicator may be displayed, and pictures can be taken when the camera is not in focus; if this occurs, focus manually.

Manual Focus

Follow the steps below to focus manually when using the FT1 with a NIKKOR F mount lens.

1 Select manual focus mode.

If you are using the Nikon 1 V1, press ▼ to display focus mode options, highlight **MF**, and press OK.

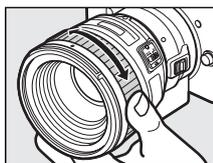


If you are using the Nikon 1 J1, select **Focus mode** in the shooting menu, highlight **MF Manual focus**, and press OK. Press the shutter-release button halfway to exit the menus when settings are complete.

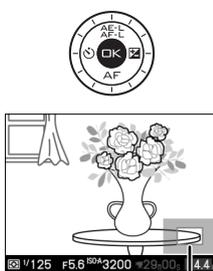
If the lens supports autofocus with manual override, after focusing using autofocus you can keep the shutter-release button pressed halfway and rotate the lens focus ring to fine-tune focus manually. To refocus using autofocus, press the shutter-release button halfway again.

2 Focus.

Rotate the lens focus ring until the subject is in focus.



To zoom in on the display for more precise focus, press OK (note that this feature is not available during movie recording or in slow-motion movie mode). A navigation window will appear in a gray frame at the bottom right of the display.



Navigation window

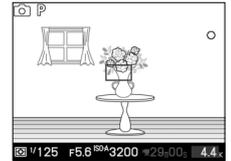
Press the  control up to zoom in to a maximum of 10×, down to zoom out. Use the multi selector to scroll to areas of the frame not visible in the display. Press OK to exit zoom.



 control

The Electronic Rangefinder

If a CPU lens is attached in manual focus mode, the focus indicator can be used to check whether the camera is focused on the subject in the center focus area.



Focus indicator	Status
●	In focus.
▶	Camera focused in front of subject.
◀	Camera focused behind subject.
▶ ◀ (blinks)	Unable to determine focus.

Note that with some subjects, the in-focus indicator (●) may be displayed when the camera is not in focus. Check focus in the display before shooting.

Error Messages and Displays

The following warnings appear in the camera aperture display.

Display	Problem	Solution
FEE	Lens aperture ring is not locked at minimum aperture.	When using CPU lenses, lock aperture ring at minimum aperture (highest f-number).
F--	Non-CPU lens is attached, or no lens is attached.	Use lens aperture ring to adjust aperture.

Restrictions

- Smart Photo Selector mode is not supported.
- Motion Snapshots can be recorded only when an AF-S lens is attached and **AF-S (Single AF)** is selected for focus mode and then only when the camera is in focus. Do not attempt to adjust focus using the focus ring; if the ring is rotated, an error message will be displayed and pictures can not be taken until the message has cleared from the display and the camera has been refocused by pressing the shutter-release button halfway.
- Shutter speeds of 1 s or slower are not available.
- The sound monitor switch and focus operation button (Focus Lock/MEMORY RECALL/AF Start) have no effect.

Precautions for Use

- Lenses over 380 g (13.4 oz) should be supported at all times. Do not hold the camera or carry the camera by the strap without supporting the lens. Failure to observe this precaution could damage the camera lens mount.
- Lines may appear in photographs taken with non-CPU lenses stopped down to minimum aperture.
- The camera continues to adjust exposure during movie recording. Select exposure mode **A** or **M** to prevent sounds made by the lens being picked up by the microphone.
- During continuous shooting, focus is fixed at the position for the first shot in each burst and frame rates will slow in modes other than **Electronic (Hi)**.
- The display may change during shooting when **Electronic (Hi)** is selected, but this has no effect on photographs.
- Certain lenses will block the AF-assist illuminator and, at some distances, the flash.
- The tops and bottoms may be missing from circular bokeh shapes created at wide apertures using lenses with a maximum aperture of f/1.4.