

● New attachment
for Nikon F
produces
“instant” Polaroid
pictures

SPEED MAGNY 100



The use of a Nikon F to produce on-the-spot prints in color and black-and-white adds an exciting new dimension to the versatility of the Nikon F system, especially with reference to industrial, commercial and scientific applications.

The combined Nikon F with Speed Magny 100 becomes an unusually compact $3\frac{1}{4} \times 4\frac{1}{4}$ single-lens reflex retaining all the advantages of the Nikon F: prism eyelevel focusing and viewing, automatic return mirror, automatic reopen diaphragm, including the use of Nikkor optics. These are certainly not the features normally found on or associated with $3\frac{1}{4} \times 4\frac{1}{4}$ cameras.

The Magny 100 includes an optical system which increases the effective focal length of the camera lens by a little more than 3 times. The 200mm Auto-Nikkor, for example, becomes a 640mm lens in terms of the $3\frac{1}{4} \times 4\frac{1}{4}$ format. Even when used for long-range telephotography, the Magni-equipped Nikon is a smaller and lighter piece of equipment than any conventional $3\frac{1}{4} \times 4\frac{1}{4}$ counterpart.

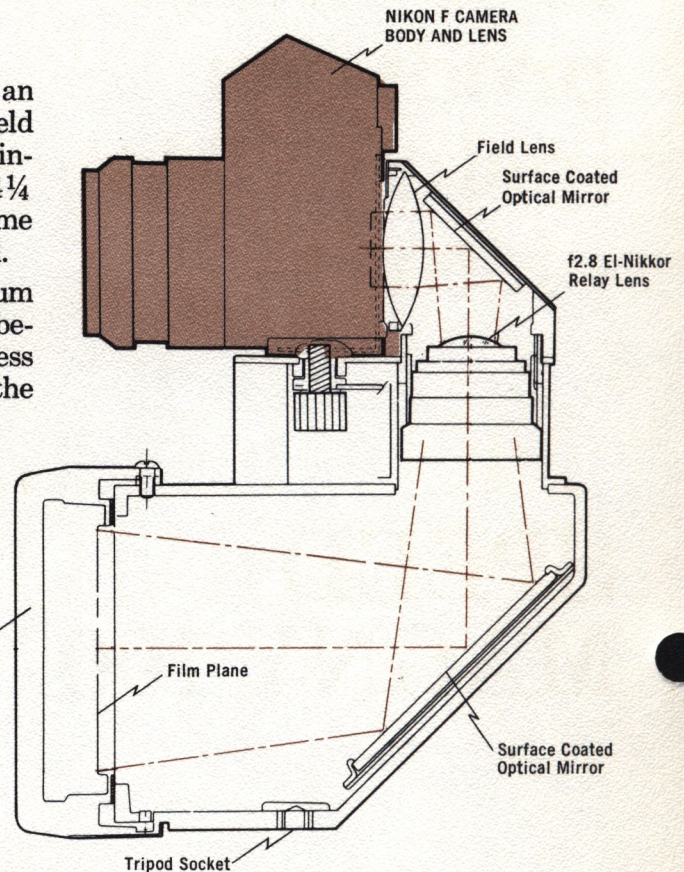
200mm and longer focal length Nikkor lenses are suggested for the Speed Magny 100. Shorter lenses (from 105mm up) may be used, but will produce slight vignetting at the edges, which may be acceptable in many applications.

Speed Magny 100

Optical System

The internal optical system of the Magny 100 comprises an E1 Nikkor 50mm f2.8 lens in combination with a coated field lens and 2 optically flat, surface mirrors. The system increases the size of the picture by 3.2 times to fill the $3\frac{1}{4} \times 4\frac{1}{4}$ Polaroid format. Image size and picture angle are the same as if taken with a lens 3.2 times longer than the one used.

The use of Nikkor optics throughout assures optimum image quality. Because of the difference in proportions between the 35mm ($1 \times 1\frac{1}{2}$) and $3\frac{1}{4} \times 4\frac{1}{4}$ formats, slightly less picture length is recorded on the film than is shown in the Nikon F finder.



Built-in Film Holder

The Speed Magny 100 is easily affixed to the Nikon F after removing the regular back. It has a built-in holder for $3\frac{1}{4} \times 4\frac{1}{4}$ Polaroid sensitized material. Use of the Magny 100 requires an 18-time increase in exposure over that normally indicated by the emulsion speed. Type 107 black-and-white, for example, normally rated at ASA 3000, assumes a rating of ASA 170. Polaroid 108 film, when used, is subject to the same exposure increase factor.

Dimensions (less camera): $6\frac{7}{8}$ d x $7\frac{1}{16}$ w x $9\frac{3}{4}$ h
Weight (less camera): 4 lb. 3 oz.