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Photo taken with normal lens



Photo taken with normal lens plus
Vivitar 2X Converter.

A Quality Product of Vivitar Corporation

Printed in Japan

Vivitar

AUTOMATIC 2X TELE CONVERTER

FEATURES :

- * One inch long when mounted on camera
- * Weighs 4.5 ounces
- * 4 elements in 4 groups—fully coated
- * Fully automatic diaphragm coupling
- * Fully automatic meter coupling
- * Conversion scale engraved on converter
- * Razor-sharp images corner to corner
- * Complete with leather carrying case

The Vivitar Fully Automatic Tele Converter doubles the effective focal length of any lens designed for the same mount camera. Its unique 4-element construction assures you of razor-sharp pictures from corner to corner. The Converter is custom made to perfectly fit the camera for which it is designed, in mount, meter coupling, diaphragm coupling, as well as finish, thereby assuring you of absolute satisfaction.

FOCAL LENGTH :

The Vivitar Auto 2X Tele Converter doubles the focal length of any lens with which it is used, yet only adds one inch to the actual length of the lens, making it an extremely useful accessory for every SLR camera owner. Example: The Auto Vivitar Zoom, 80-205mm, when used with the Converter, becomes an Auto Vivitar Zoom, 160mm-410mm.

The Converter will work best when used with telephoto lenses. Always be sure to use a tripod, to minimize camera movement, in order to obtain the best possible results.

FOCUS :

The focusing range of your prime lens is not altered in any way when used in conjunction with a Vivitar Converter. Example: The 135mm Auto Vivitar Lens with a focus range of 5 feet to infinity, when used with a converter, becomes a 270mm Auto Vivitar with a focus range of 5 feet to infinity.

DEPTH OF FIELD :

The depth of field changes to match the effective focal length of the lens/converter combination. When using a converter, the depth of field, or useable sharpness range, will become more shallow, since the focal length is being increased. Therefore, it is advisable to stop the prime lens down as much as possible. This will make it easier to focus sharply, and also help eliminate flare from the prime lens.

MOUNTING :

The Converter is mounted on the camera in the same way you would mount the prime lens. Once the Converter is in place, mount the prime lens onto the Converter in the same way you would mount it onto the camera itself. This process is very simple and fast, and if you can mount your prime lens onto your camera, you will have no difficulty mounting the Converter properly.

When removing the converter, simply reverse this procedure. First, remove the prime lens from the converter, then remove the converter from the camera.

DIAPHRAGM :

The Vivitar Auto Tele Converter maintains fully automatic coupling to the diaphragm mechanism in the camera.

METER COUPLING :

The Vivitar Auto Tele Converter maintains fully automatic meter coupling between the lens and camera, and automatically compensates for the changes in exposure which it causes. Therefore, no calculations are necessary to obtain perfect exposures.

EXPOSURE :

If your camera does not have a built-in coupled exposure meter, simply use the conversion scale engraved on the converter to guide you. Example: A prime lens set at f/4.0 will have an effective exposure value of f/8.0 when the converter is in place. (Triple the f stop value of your prime lens to obtain the new exposure value when the converter is being used.)