

WHEN YOU FOCUS the Mitchell 16, you see exactly what the taking lens sees—and you see it erect, and correct from left to right. The lenses themselves are not removed, except to bring them to proper focus, or to change lenses. Focussing is done through a telescope, with full vision eyepiece adjustable for individual vision, built into the left-side door. "Racking" the camera over to a motion accomplished with one hand. In this simple operation the camera box moves smoothly to the focussing position, where the telescope is directly behind the camera lens. This instantaneous "knock-over" shift is controlled by a handle on the rear camera base. Positive alignment of the camera in either photographing or position is assured by a locking pin controlled by a release button in the side handle. The camera box moves in dovetail tracks or gibs, which are mounted into the base frame. The focussing telescope is equipped with a variable-power magnification system which gives either 5x or 10x enlargement. The entire field of view is visible at 5x magnification, and is only slightly reduced at 10x enlargement. A knurled knob on the underside of the telescope controls the magnification. Two contrast viewing filters are also installed inside the telescope—a color filter and a panchromatic filter—to allow the cameraman to check scene lighting to be sure that it is within the limits of the color or black-and-white film being used. Filter buttons on the telescope swing these filters in or out of position.

