

1/2" Manual Zoom with Video Auto-IRIS 8–48mm F1.0 – C-Mount

Compatible with 1/2", 1/3" Cameras

SPECIFICATIONS

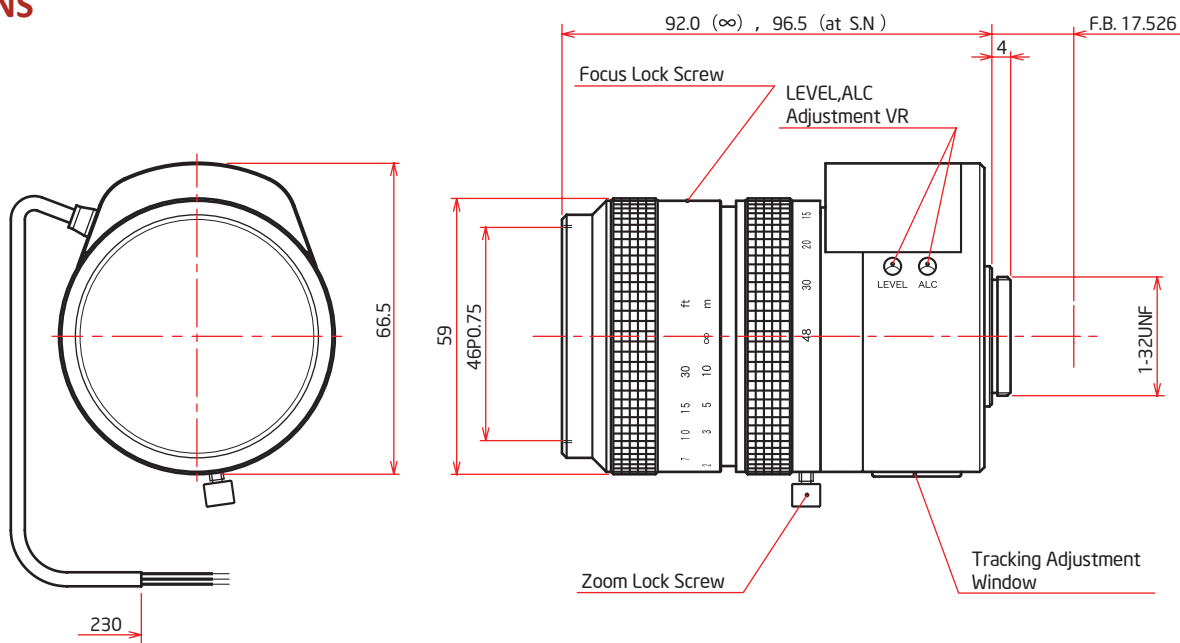
F1.0 6X High Speed Manual Zoom Lens

Focal Length	8 ~ 48 mm
Maximum Relative Aperture	1:1.0
Iris	F1.0 - Approx. 360 (With ND Spot Filter)
Zoom Ratio	6X
Angular Field of View	43.6° x 33.4° at 8 mm 7.7° x 5.7° at 48 mm
Image Format	6.4 x 4.8 mm (Ø8 mm)
Minimum Object Distance	1.0 m (From Front Vertex) Close-up photography as far as Object Distance 0.5m is possible by S.N.(Service Near)function of Focus. Partial eclipse may occur during zooming in the S.N. range with using 1/2" camera.)
Optical Back Focal Distance	14.56 mm (In Air)
Flange Back	17.526 mm
Input Signal	Composite Video Signal or Video Signal

Sensitivity Adjustment	0.3 ~ 1.0Vp-p (Image Signal)
Photometry Range	Approx. 40% - 70% Variable to Vp-p
Input Impedance	High Impedance
Operation	Zoom Manual Focus Manual Iris EE (DC+6.5 to 16V : Max40mA)
EE Mechanism	The built-in EE Amp amplifies the difference between the video signal from the camera and the preset Iris signal level. It causes the Iris to change size.
EE Accuracy :	With Input Video Signal 0.7Vp-p Within ± 10% of Mean Value
Operation Temperature	- 10 °C ~ 50 °C / 14 °F ~ 122 °F
Mount	C-Mount (Adjustable Lens Position)
Front Thread	46mm P0.75
Size, Weight	66.5(W) x 59(H) x 92.0(D) mm, Approx. 400g

DIMENSIONS

UNIT: mm



CIRCUIT DIAGRAM

