

1/3" Motorized Zoom with Video Auto-Iris 6-60mm F-1.0 CS-Mount

Compatible with 1/3" Cameras

SPECIFICATIONS

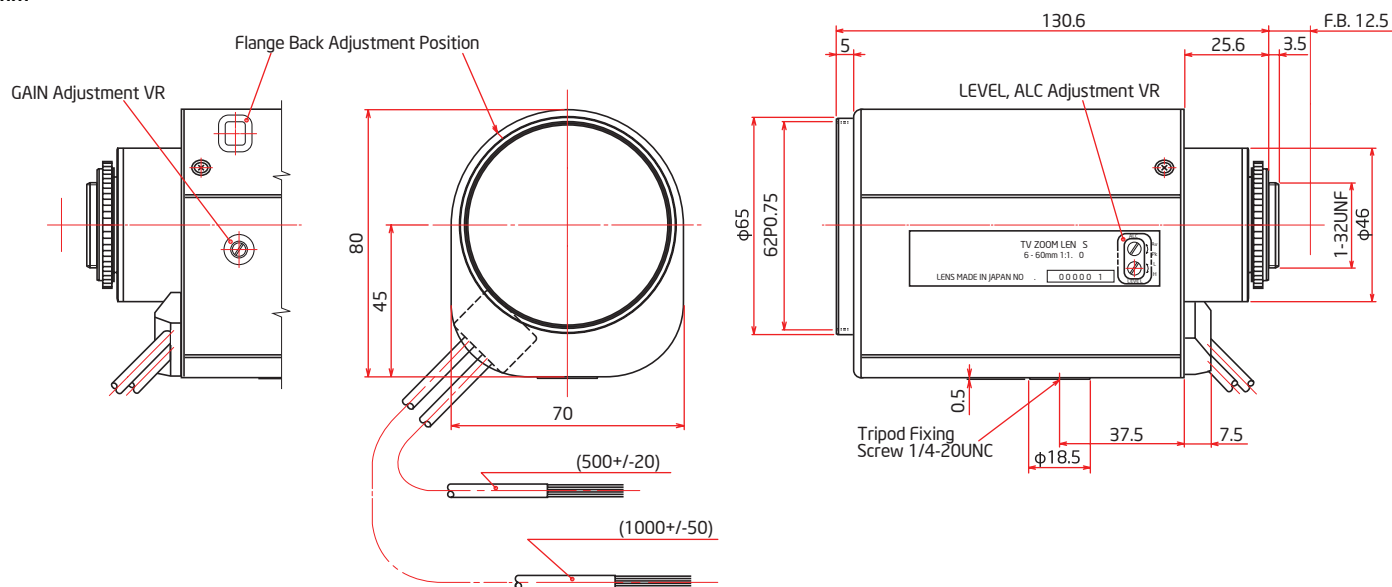
F1.0 Motorized Zoom Lens

Focal Length	6 - 60 mm
Maximum Relative Aperture	1:1.0
Iris	F1.0 - Approx. 1200 (With ND Spot Filter)
Zoom Ratio	10 X
Angular Field of View	43.6° x 33.4° at 6 mm 4.6° x 3.4° at 60 mm
Image Format	4.8 x 3.6 mm (Ø6 mm)
Minimum Object Distance	1.2 m (From Front Vertex)
Object Dimensions at M.O.D.	96.0 x 72.0cm at 6 mm 9.6 x 7.1cm at 60 mm
Optical Back Focal Distance	14.28 mm (In Air)
Flange Back	12.5 mm
Input Signal	Composite Video Signal or Video Signal
Sensitivity Adjustment	0.5 ~ 1.0Vp-p (Image Signal)

Photometry Range	Approx. 40% - 70% Variable to Vp-p
Input Impedance	High Impedance
Operation	Zoom Motorized (DC +/- 6.4V, Max 40mA) Speed Approx. 6sec. Focus Motorized (DC +/- 6.4V, Max 40mA) Speed Approx. 7sec. Iris EE (DC+8.5 to 16V : Fixed Voltage, Max60mA) Speed Within 4sec.
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 +/-15% of Mean Value
Operation Temperature	- 10 °C ~ 50 °C / 14 °F ~ 122 °F
Mount	CS-Mount (Adjustable Lens Position)
Front Thread	62 mm P0.75
Size, Weight	80(W) x 70(H) x 130.6(D) mm, Approx. 700g

DIMENSIONS

UNIT: mm



CIRCUIT DIAGRAM

