

1" Motorized Zoom with Video Auto-Iris 16-160mm F-2.2 C-Mount

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

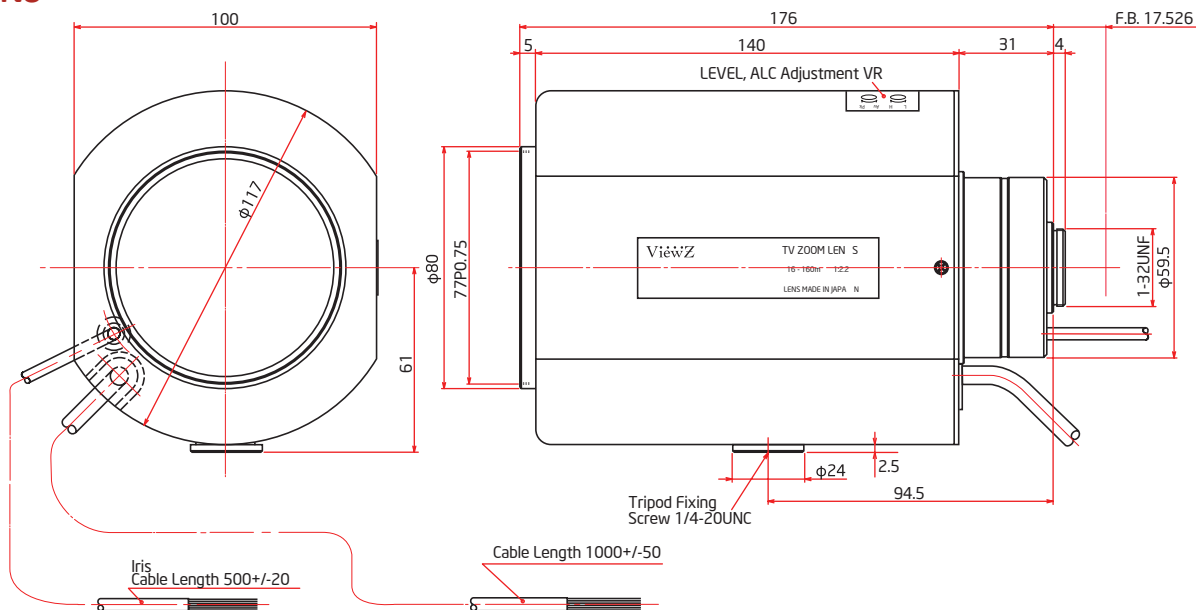
SPECIFICATIONS

Focal Length	16 - 160 mm
Maximum Relative Aperture	1:2.2 (Tele End 2.7)
Iris	F2.2 - Approx. 1200 (With ND Spot Filter)
Zoom Ratio	10 X
Angular Field of View	43.6° x 33.4° at 16 mm 4.6° x 3.4° at 160 mm
Image Format	12.8 x 9.6 mm (Ø16 mm)
Minimum Object Distance	1.1 m (From Front Vertex)
Object Dimensions at M.O.D.	88.0 x 66.0cm at 16mm 8.8 x 6.5cm at 160 mm
Optical Back Focal Distance	18.6 mm (In Air)
Flange Back	17.256 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 80mA) Speed Approx. 5.5sec. Focus Motorized (DC +/- 6.4V, Max 80mA) Speed Approx. 8sec. Iris EE (DC+8.5 to 13V : Fixed Voltage, Max60mA) Speed Within 3.5sec.
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	C-Mount (Adjustable Lens Position)
Front Thread	77 mm P0.75
Size, Weight	117(W) x 100(H) x 176(D) mm, Approx. 1.4kg

DIMENSIONS

UNIT: mm



CIRCUIT DIAGRAM

