

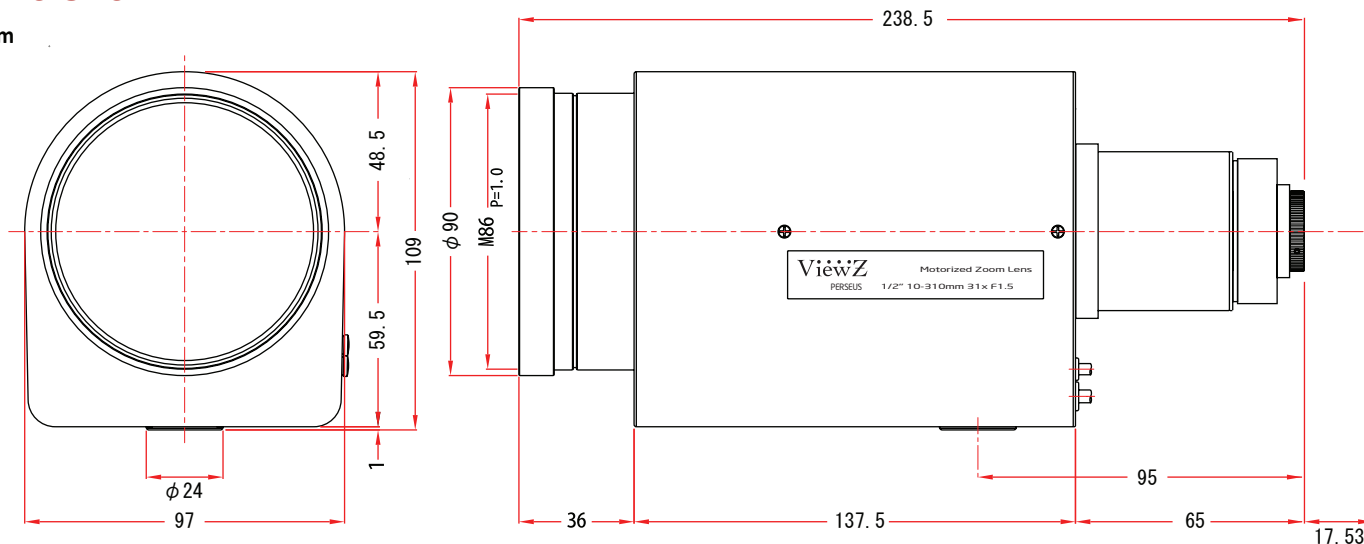
Compatible with 1/2", 1/3" Cameras

31x Telephoto F1.5 Motorized Zoom Lens

Focal Length	10 - 310 mm
Maximum Relative Aperture	1:1.5
Iris	F1.5 - Approx. 1000 (With ND Spot Filter)
Zoom Ratio	31 X
Angular Field of View	35.3° x 26.7° at 10 mm 1.3° x 0.9° at 310 mm
Image Format	6.4 x 4.8 mm (Ø8 mm)
Minimum Object Distance	2.8 m (From Front Vertex)
Object Dimensions at M.O.D.	168.3 x 125.9cm at 10 mm 55.6 x 41.8cm at 310 mm
Optical Back Focal Distance	14.57 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	<div>Zoom</div> <div>Motorized (DC +/- 6.4V, Max 40mA) Speed Approx. 6sec.</div> <div>Focus</div> <div>Motorized (DC +/- 6.4V, Max 40mA) Speed Approx. 7sec.</div> <div>Iris</div> <div>EE (DC+8.5 to 16V : Fixed Voltage, Max60mA) Speed Within 3.5sec.</div>
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	86 mm P1.0
Size, Weight	109(W) x 97(H) x 238.5(D) mm, Approx. 1.9kg

UNIT: mm



The diagram shows the wiring for the EE AMP and motor outputs. The EE AMP is connected to the following inputs:

- Power DC+8.5 to 16V (Fixed Voltage) to RED
- Video Signal (+8.5-15V) to WHT
- GND to BLK
- N.C. to GRN

The EE AMP outputs are connected to the following components:

- MS1 CLOSE END to a diode connected to the IRIS motor.
- MS2 OPEN END to a diode connected to the IRIS motor.

The FOCUS and ZOOM outputs are connected to the following components:

- FOCUS ⊕ NEAR to WHT
- FOCUS Common to GRN
- ZOOM ⊕ TELE to BLK
- ZOOM Common to RED

The FOCUS and ZOOM outputs are connected to the FOCUS N.F.U. and ZOOM N.F.U. respectively, which are then connected to the FOCUS and ZOOM motors.