

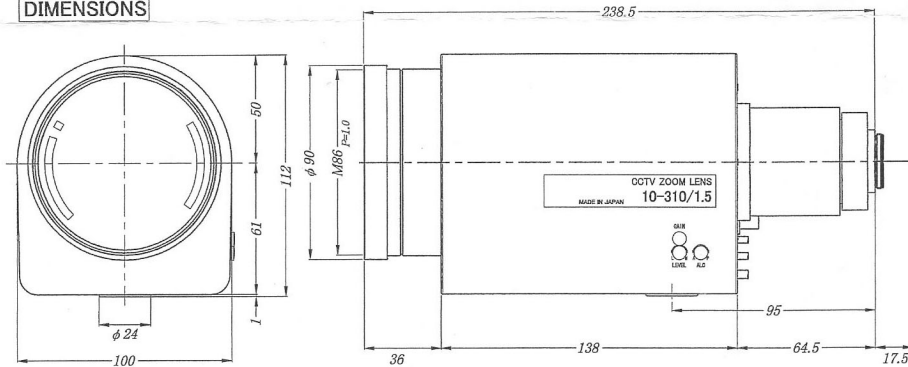


## TEK31X SERIES

### SPECIFICATIONS

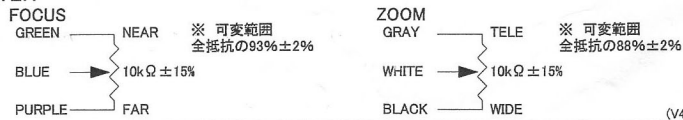
1 Focal Length	-----	10 - 310mm
2 Relative Aperture	-----	WIDE F1.5 (F1000 ND FILTER) TELE F3.8
3 Image Format	-----	1/2" 6.4 X 4.8
4 Angular field of View	-----	1/2" WIDE 26.7° X 35.3° TELE 0.90° X 1.27° 1/3" WIDE 20.1° X 26.7° TELE 0.68° X 0.90°
5 M.O.D.	-----	2.8m
6 Object area at M.O.D.	-----	1/2" WIDE 1259 X 1683 mm TELE 41.8 X 55.6 mm 1/3" WIDE 943 X 1259 mm TELE 31.4 X 41.8 mm
7 Back Focal Length	-----	14.57mm
8 Exit Pupil	-----	94.00mm
9 Mount Type	-----	"C" SLIP MOUNT
10 Iris System	-----	DC MOTOR TYPE
11 Sensitivity Adjustment	-----	0.4 - 1.0V <sub>p-p</sub>
12 Iris Power Supply	-----	DC6 - 12V AUTO IRIS W/AMP
13 Focus & Zoom Voltage	-----	DC6 - 12V DRIVEN BY MOTOR
14 F & Z Current	-----	Maximum 60 mA
15 Weight	-----	1900 g

### DIMENSIONS



### CABLE CONNECTION

IRIS	RED : + 12V	WHITE : VIDEO	SHIELD (BLACK) : GROUND
FOCUS&ZOOM	BLACK : FOCUS (+) FAR TO NEAR (-) NEAR TO FAR	GREEN : FOCUS (-) FAR TO NEAR (+) NEAR TO FAR	YELLOW : ZOOM (+) WIDE TO TELE (-) TELE TO WIDE
F&Z POTENTIOMETER	RED : ZOOM (-) WIDE TO TELE (+) TELE TO WIDE		



TEKSTAR Optical Inc.

54 Bushwick Street  
Melville, NY 11747  
Toll-free: 888-LENS-GUY (536-7489)  
Phone: 631-421-4818  
Fax: 631-423-0128  
E-mail: info@tekstaroptical.com