

TG2010AFCS-HSP

2.0mm F1.0 Aspherical lens
for 1/3" format camera
CS-Mount

with Focus & Amplifier

Model No.	TG2010AFCS-HSP	Effective	Front	φ28.5 mm	
Focal Length	2.0 mm	Lens Aperture	Rear	φ13.7 mm	
Max. Aperture Ratio	1:1.0	Back Focal Length		8.5 mm	
Max. Image Format	4.8×3.6 mm (φ6 mm)	Flange Back Length		12.5 mm	
Operation	Iris	F1.0~360	Mount	CS-Mount	
	Focus	(by galvano control) Manual,[0.1m~Inf.]	Filter Size	-	
Object Dimension at M.O.D.	36.5×22.1 cm	Dimensions		φ48.0×58.0×58.2 mm	
Angle of View	D	144.9°	Weight	151 g	
	H	1/3"			122.6°
	V	95.7°			
Supply Voltage	DC 8~16 V				
Current	Less than 35 mA				
Transit Time	Approx. 2 sec.				
Light Weighting Method	Adjustable between Average - Peak (to be set at Average at factory)				
Input Signal	Video Signal (V or VS)				
Iris Accuracy	± 15% at Video Signal Level				
Sensitivity Adjustment	0.5~1.0Vp-p (Video Signal)				
Input Impedance	High Impedance				
Operating Temperature	-20° C~+50° C				

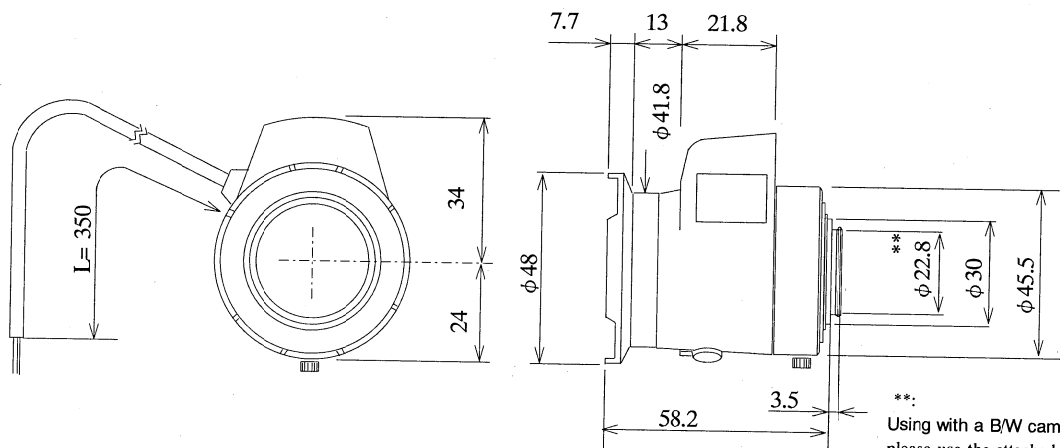
1/3

CS

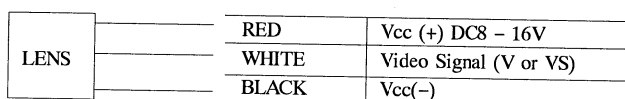
AG

M.O.D. : Minimum Object Distance

Dimensions



Wiring Diagram



**:
Using with a B/W camera,
please use the attached
"B/W aberration compen-
sation Filter" and
"FB compensation Spacer".
The filter (M22 p=0.5mm)
should be screwed onto
the lens from rear side
and the spacer should be
placed between lens and
camera.