

# HG3Z4512AFCS-IR

**3X 4.5mm - 12.5mm F1.2 Day & Night type  
for 1/2 type Format Cameras, Vari - Focal, Auto Iris VIDEO Drive  
CS-Mount**

with Focus, w/o Amplifier

Model No.	HG3Z4512AFCS-IR			Effective	Front	Ø19.9mm	
Focal Length	4.5mm - 12.5mm			Lens Aperture	Rear	Ø9.9mm	
Max. Aperture Ratio	1:1.2			Back Focal Length	Tele	16.5mm	
Max. Image Format	6.4mm x 4.8mm(Ø8mm)				Wide	8.5mm	
Operation Range	Iris	F1.2 - F360		Flange Back Length	12.5mm		
	Focus	0.3m - Inf.		Mount	CS-Mount		
	Zoom	4.5mm - 12.5mm		Filter Size	M35.5 P=0.5mm		
Control	Iris	Auto Iris		Dimensions	Ø38.5mm x 47.5mm x 48.8mm		
	Focus	Manual		Weight	73g		
	Zoom	Manual					
Object Dimension at M.O.D.	4.5mm	53.7cm x 35.6cm					
	12.5mm	16.1cm x 12cm					
Angle of View	D	1/2 type	108.0° - 37.6°	1/3 type	77.9° - 28.3°	1/4 type	57.2° - 21.2°
	H		83.7° - 30.1°		61.3° - 22.6°		45.3° - 17.0°
	V		61.3° - 22.6°		45.3° - 17.0°		33.7° - 12.7°
Supply Voltage	DC8.5V - DC16V						
Current	Less than 40mA						
Response Time	Approx. 2 sec.						
Light Weighting Method	Adjustable between Average - Peak (to be Set at Average at Factory)						
Input Signal	Video Signal (V. or V.S.)						
Iris Accuracy	±15% at Video Signal Level						
Sensitivity Adjustment	0.5V(p-p) - 1.0V(p-p) (Video Signal)						
Input Impedance	High Impedance						
Operating Temperature	-20°C - +50°C						

Operates in both visible and infrared light

M.O.D. : Minimum Object Distance

