

## ASPHERICAL LENSES

The solution for high quality images in low light conditions.  
*Increases the low light performance of the CCTV system without the need of increased illuminations or ultra sensitive cameras*

### ENHANCED PERFORMANCE ENVELOPE

With recent advances in lens construction technique **computar** can now offer lenses that have an F stop ranging from F0.8-360. This means that normal day/night lighting environments are covered plus there is a bonus in situations where light is critically low. If auxiliary lighting eg IR or high pressure sodium is expensive or difficult to install, or where ultra sensitive cameras are outside

budgetary parameters then aspherical lenses are ideal. (Aspherical lenses can easily increase the sensitivity of a standard camera by 50%.) In real terms this means that when an F1.4 lens has stopped showing a picture the aspherically equipped camera is still performing strongly. It can easily be seen that if an aspherical lens is used with an excellent camera eg CEC IR230 the performance throughout the day is phenomenal.

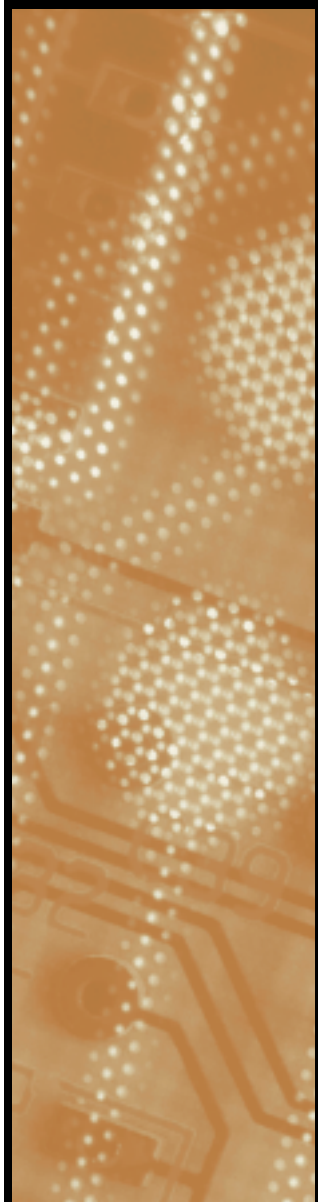
### COST EFFECTIVE

Although there is a small price premium for this advanced lens technology it represents a more cost effective investment than an ultra sensitive camera coupled with a standard lens.

### COMPATIBILITY

The CS Mount and 1/2" format means that these lenses can be used on all modern 1/3' and 1/2" cameras.

## DATA SHEET



### TG2010FCS/AFCS-HSP

ø48



Product Code	TG2010FCS-HSP	TG2010AFCS-HSP
Iris	DD	V
Focal Length	2.0mm	2.0mm
F Stop	F1.0-360	F1.0-360
Angle (h)	122.6°	122.6°
Type	Plugged	
Weight	148g	151g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	No Filter	No Filter

### HG2610FCS/AFCS-HSP

ø54



Product Code	HG2610FCS-HSP	HG2610AFCS-HSP
Iris	DD	V
Focal Length	2.6mm	2.6mm
F Stop	F1.0-360	F1.0-360
Angle (h)	122.8°	122.8°
Type	Plugged	
Weight	143g	146g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	No Filter	No Filter



## HG3808FCS/AFCS-HSP

ø45

52.5



56.8

Product Code	HG3808FCS-HSP	HG3808AFCS-HSP
Iris	DD	V
Focal Length	3.8mm	3.8mm
F Stop	F0.8-360	F0.8-360
Angle (h)	89.2°	89.2°
Type	Plugged	
Weight	150g	160g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	43mm	43mm

## HG0608FCS/AFCS-HSP

ø42

48.5



56.8

Product Code	HG0608FCS-HSP	HG0608AFCS-HSP
Iris	DD	V
Focal Length	3.8mm	3.8mm
F Stop	F0.8-360	F0.8-360
Angle (h)	56.7°	56.7°
Type	Plugged	
Weight	140g	150g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	40.5mm	40.5mm

## HG0808FCS/AFCS-HSP

ø42

43



56.8

Product Code	HG0808FCS-HSP	HG0808AFCS-HSP
Iris	DD	V
Focal Length	8mm	8mm
F Stop	F0.8-360	F0.8-360
Angle (h)	44.9°	44.9°
Type	Plugged	
Weight	120g	130g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	40.5mm	40.5mm

## HG1208FCS/AFCS-HSP

ø42

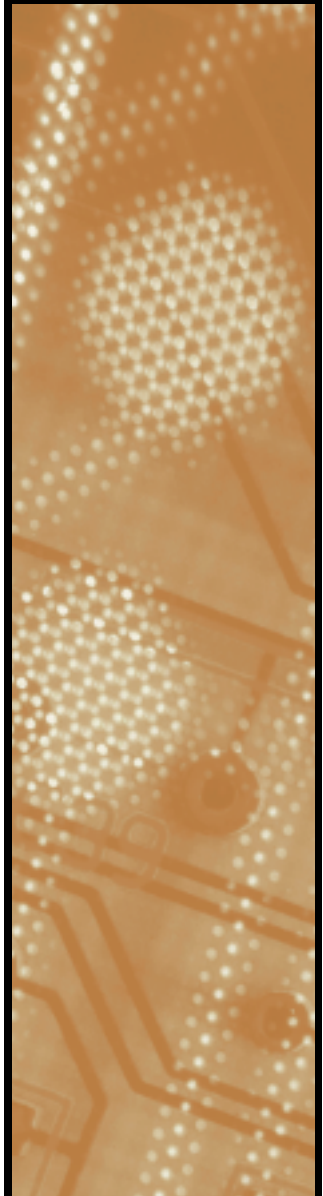
54.5



56.8

Product Code	HG1208FCS-HSP	HG1208AFCS-HSP
Iris	DD	V
Focal Length	12mm	12mm
F Stop	F0.8-360	F0.8-360
Angle (h)	31.2°	31.2°
Type	Plugged	
Weight	135g	145g
Operating Temp.	-10 - +50°C	-10 - +50°C
Filter Size	40.5mm	40.5mm

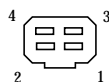
## DATA SHEET



### WIRING DIAGRAMS



Red	Vcc (+) DC 8 -16V
White	Video Signal (V ou VS)
Black	Vcc (-)



1	Brown	Control (-)
2	Red	Control(+)
3	Yellow	Drive (+)
4	Orange	Drive (-)

