

New Standard Vari-Focal Lens f=2.8mm-12mm F/1.4



*for Security
for Board Camera*

for Board Camera

*for Machine Vision
& Factory Automation application*

Security

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Model : 13VM2812AS / 13VG2812AS / 13VA2812AS

**Unprecedented Vari-Focal lens of high zoom ratio
stretching the wideangle coverage, yielding discernable
high resolution throughout the entire focal length range**



13VM2812AS
[Manual Iris]

13VG2812AS
[DC Auto Iris]

13VA2812AS
[Video Auto Iris]

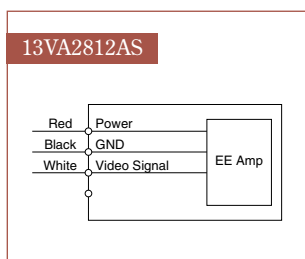
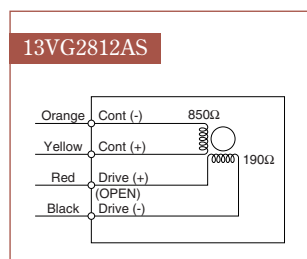
It makes the difference in the image quality, enhancing the camera performance for security and surveillance

- Accommodates 2.8mm wideangle to 12mm medium telephoto with a single lens
- Aspherical lens technology brings high resolving power throughout the entire focal length range
- Compact chassis with smaller overall dimensions enhances versatility in installation
- Locking mechanism for focusing and zooming secures initial set-up positions
- Minimum aperture of F/360 is made available for auto iris models; DC and video driven

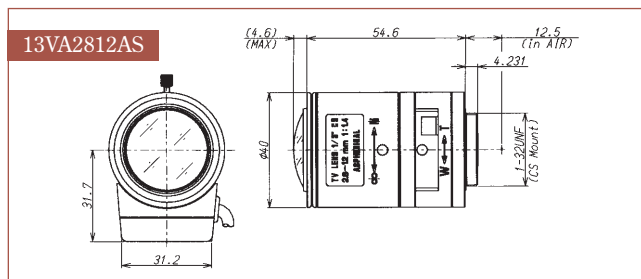
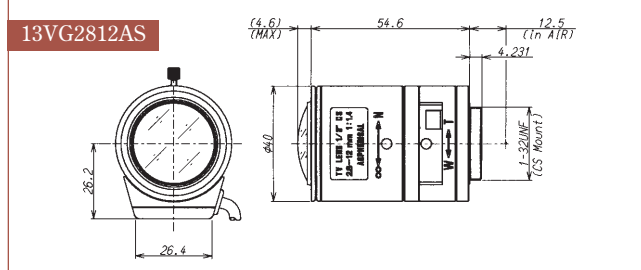
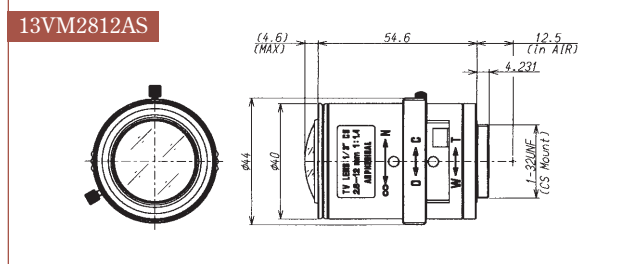
SPECIFICATION

	13VM2812AS [Manual Iris]	13VG2812AS [DC Auto Iris]	13VA2812AS [Video Auto Iris]
Imager Size	1/3", 1/4"		
Mount Type	CS		
Focal Length	2.8 ~ 12mm		
Aperture Range	1.4 ~ Close	1.4 ~ 360	
Angle of View (Horizontal X Vertical)	1/3"	Wide 97.4° X 72.5° / Tele 24.1° X 18.1°	
	1/4"	Wide 72.5° X 54.1° / Tele 18.1° X 13.6°	
Focusing Range	0.3m ~ ∞		
Operation	Focus	Manual (w/Lock)	
	Zoom	Manual (w/Lock)	
	Iris	Manual (w/Lock)	Auto Iris (DC)
Filter Size	—		
Back Focus (in air)	Wide 8.61 ~ Tele 19.90mm		
Iris Operating Voltage	—	Open 4.0V / Close 0.5V	—
Input Power (Max. Power Consumption)	—	—	DC8.5 ~ 16V (50mA)
Input Signal	—	—	VS or V Signal
A.L.C.	—	—	Average ~ Peak
Weight	72g	79g	82g
Operating Temperature	-10 ~ +50°C		

Wiring Diagram



Dimensions



Caution: Please read the operation manual carefully before using the lenses.

TAMRON

Manufacturers of lenses for photographic, industrial, laboratory, video, and scientific applications.

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ISO-9001 Certified
 JQA-1058