

TAMRON

Setting New Standards



2.8mm  97°



3.5mm  71°



13VM2812AS
Manual Iris



13VG2812AS-SQ
DC Iris



13VA2812AS-SQ
Video Auto Iris



6mm  44°



12mm  24°

1/3 2.8-12mm F/1.4

ASPHERICAL VARI-FOCAL

Aspherical Optical Technology

Sharper image quality is achieved through Tamron's use of an Aspherical element. This enhances overall performance by eliminating image distortion and providing superb corner to corner sharpness.

Versatile Focal Range

Tamron's 2.8-12mm Vari-Focal redefines the standard for the CCTV industry. From extremely wide-angle to telephoto, this one lens can be used in virtually all CCTV security applications.

Fast F/1.4 Aperture

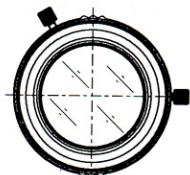
With an aperture range of F/1.4~360 (Auto Iris versions) and a 3-blade diaphragm (for manual iris), the Tamron 2.8-12mm is the ideal lens for use in extreme lighting conditions.

Three Types of Iris Selection

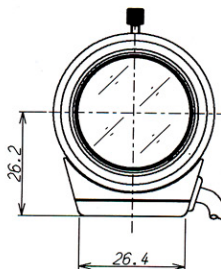
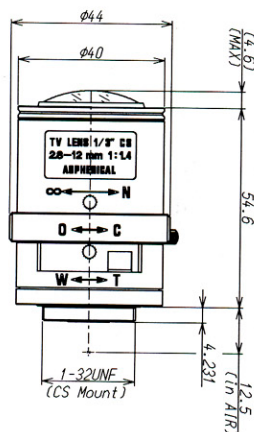
Not only can you get Tamron's 1/3" CS-mount 2.8-12mm lens in Manual Iris and DC Auto Iris, Tamron also offers a Video Auto Iris version to meet the discriminating needs of today's applications.

TAMRON

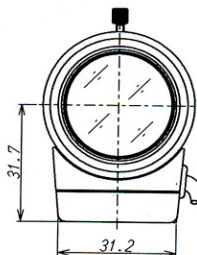
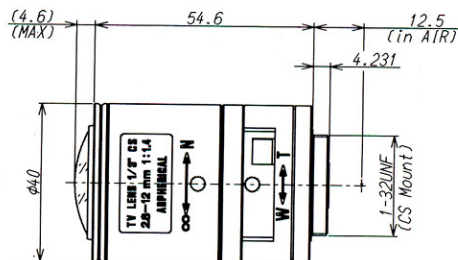
Vari-Focal 1/3" 2.8-12mm F/1.4 Specifications



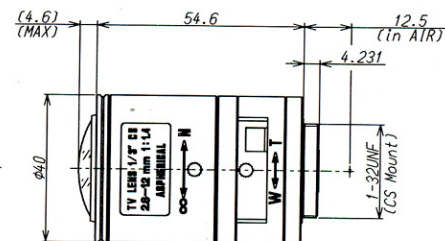
13VM2812AS
1/3" 2.8-12mm 1:1.4
Manual Iris



13VG2812AS-SQ
1/3" 2.8-12mm 1:1.4
DC Iris w/4Pin Plug



13VA2812AS-SQ
1/3" 2.8-12mm 1:1.4
Video A/I w/4Pin Plug

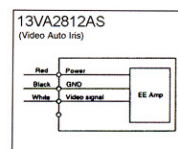
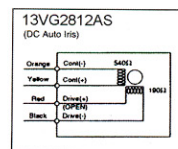


Specifications

(Unit = mm)

	Manual Iris	DC Iris	Video Iris
Model #	13VM2812AS	13VG2812AS-SQ	13VA2812AS-SQ
Image Format	1/3"	←	←
Focal Length	2.8-12mm	←	←
Iris Range	F/1.4-Close	F/1.4-360	←
Focus Operation	Manual w/Lock Screw	←	←
Zoom Operation	Manual w/Lock Screw	←	←
Angle of View			
Wide	97.4° x 72.5°	←	←
Tele	24.1° x 18.1°	←	←
Effective Diameter			
Front	φ 26.4mm	←	←
Rear	φ 8mm	←	←
Minimum Object Distance	0.3mm	←	←
Back Focus (in air)	8.6mm	←	←
Maximum Diameter	φ 1.57in (φ 40mm)	←	←
Overall Length	2.2in (54.6mm)	←	←
Mount	CS	←	←
Weight	72g (2.5 oz.)	79g (2.8 oz.)	82g (2.9 oz.)

Wiring Diagram



ISO 9001 Certified

Tamron operates a quality management system that has been certified as conforming to ISO9001.

ISO 14001 Certified

Tamron operates an environmental management system that has been certified as conforming to ISO14001.