



PRODUCT SPECIFICATION

MODELS: V4.0-1.2CS-G-3 AND
V8.0-1.2CS-G-3

PRODUCT CODES: 4734 AND 4735

DESCRIPTION: 1/3-INCH-FORMAT
FIXED-FOCAL-LENGTH GALVANOMETER
AUTOIRIS LENS WITH CS MOUNT

- Economical, convenient and compact
- For use on cameras with built-in autoiris circuits
- Suitable for outdoor use
- Molded-in connector



The CS-G Series of Autoiris Lenses introduces a new level of economy and convenience to CCTV lenses. They are compatible with 1/3-inch-format cameras and are equipped with CS-type mounts. This configuration allows extremely compact design.

The CS-G lenses do not contain their own autoiris level-sensing circuit; they are intended for use with cameras featuring built-in autoiris control circuits. The lenses contain a meter movement which responds to the DC control voltage output of the camera's autoiris circuit. A built-in neutral-density central spot filter provides a minimum f-stop of f/125. This provides a full aperture range of f/1.2 to f/125, making the lens suitable for use on sensitive cameras in outdoor applications.

The lens cable is supplied with a molded-in connector which is compatible with the special connector built into many Vicon camera models. Thus, no connector soldering is required.

NOTES	SPEC NO.	REV.	SEC.
SUPERSEDES PRODUCT SPECIFICATION 814-593	814	298	14



1/3-INCH CS-G AUTOIRIS LENS

Fixed-focal length lenses offer a fixed viewing angle and are usually used on CCTV cameras on fixed mountings or on scanners. Vicon fixed-focal-length lenses feature high quality coated optics for sharp, high-contrast images. Lens specifications are subject to slight variation.

NOTE: Before ordering a CS-G lens, verify that the selected camera is designed for use with this lens type.

This product complies with European Community EMC Directive 89/336. The product was subjected to the testing outlined in European Normalization Standard EN 50081-1 (Electromagnetic Compatibility - General Emissions Standard Part 1: Residential, Commercial, and Light Industry), and EN 50082-1 (Electromagnetic Compatibility - Generic Immunity Standard Part 1: Residential, Commercial, and Light Industry).

CONTRACTORS' SPECIFICATION

1/3-INCH CS-G AUTOIRIS LENSES

The lens shall be a 1/3-inch format, fixed-focal-length lens with automatic iris operation and a built-in neutral-density spot filter for CCTV cameras. The focal length shall be 4.0 mm with a maximum aperture of f/1.2. The lens shall be designed for use with cameras containing internal autoiris circuitry. It shall have a CS-type mount. The lens shall be Vicon's Model V4.0-1.2CS-G-3.

The lens shall be a 1/3-inch format, fixed-focal-length lens with automatic iris operation and a built-in neutral-density spot filter for CCTV cameras. The focal length shall be 8.0 mm with a maximum aperture of f/1.2. The lens shall be designed for use with cameras containing internal autoiris circuitry. It shall have a CS-type mount. The lens shall be Vicon's Model V8.0-1.2CS-G-3.

Product specifications subject to change without notice.
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TECHNICAL INFORMATION

	Model V4.0-1.2CS-G-3	Model V8.0-1.2CS-G-3
Product Code	4734	4735
Focal Length	4.0 mm	8.0 mm
Maximum Aperture	f/1.2	f/1.2
Minimum Aperture	f/125	f/125
Horizontal Field of View	64°	35°
Vertical Field of View	49.1°	25.9°
Minimum Focusing Distance	0.7 ft (0.2 m)	0.7 ft (0.2 m)
Filter Thread Size	30.5 × 0.5 mm	30.5 × 0.5 mm
European Community (CE) Standard	EN 50081-1 generic emissions EN 50082-1 generic immunity	EN 50081-1 generic emissions EN 50082-1 generic immunity
Dimensions:		
Height	1.57 in. (39.8 mm)	1.57 in. (39.8 mm)
Width	1.36 in. (34.5 mm)	1.36 in. (34.5 mm)
Length	1.44 in. (36.5 mm)	1.44 in. (36.5 mm)
Weight	0.09 lb (0.04 kg)	0.09 lb (0.04 kg)
Iris Operating System	Galvanometer in lens controlled by autoiris circuit in camera	Galvanometer in lens controlled by autoiris circuit in camera
Mount	CS type	CS type
Operating Temperature Range	14 to 122° F (-10 to +50° C)	14 to 122° F (-10 to +50° C)
Storage Temperature Range	-40 to 150° F (-40 to 65° C).	-40 to 150° F (-40 to 65° C).
Storage Humidity	90% relative, noncondensing	90% relative, noncondensing
Shipping Dimensions:		
Height	2.75 in. (7.0 cm)	2.75 in. (7.0 cm)
Width	2.13 in. (5.4 cm)	2.13 in. (5.4 cm)
Depth	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)
Shipping Weight	0.13 lb (0.06 kg)	0.13 lb (0.06 kg)
Shipping Volume	0.007 ft ³ (0.0002 m ³)	0.007 ft ³ (0.0002 m ³)

