



# PRODUCT SPECIFICATION

|       |          |      |      |
|-------|----------|------|------|
| NOTES | SPEC NO. | REV. | SEC. |
|       | 812      | 593  | 14   |

**MODEL:** REFER TO TABLE 1

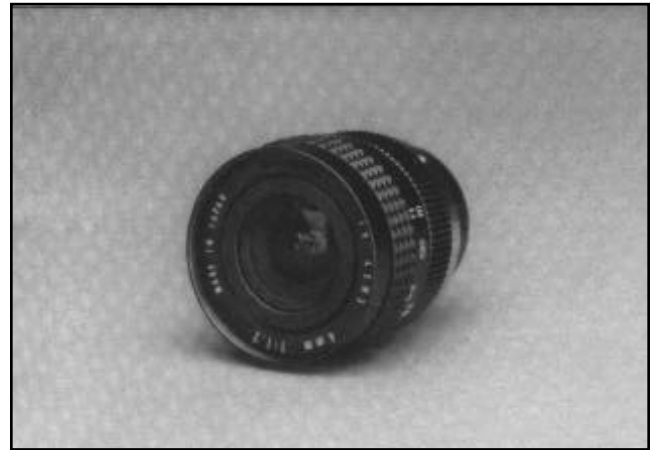
**PRODUCT CODE:** REFER TO TABLE 1

**DESCRIPTION:** ONE-THIRD-INCH FORMAT  
FIXED-FOCAL-LENGTH LENSES

Vicon 1/3-inch-format lenses are designed for use on the new generation of compact 1/3-inch-format cameras with CS lens mounts. Fixed-focal-length lenses offer a fixed viewing angle and are usually used on CCTV cameras on fixed mounts 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:** One-third-inch format lenses may be used only on 1/3-inch format cameras.



1/3-INCH FIXED-FOCAL-LENGTH LENS

**TABLE 1**  
**1/3-INCH MANUAL FIXED-FOCAL-LENGTH LENSES**

| Model    | Product Code | Lens Description | Focal Length (mm) | Aperture Range (f)* | Horizontal Field Angle |      |      | Minimum Focusing Distance ft (m) | Mount | Filter Thread Size diam-pitch (mm) |
|----------|--------------|------------------|-------------------|---------------------|------------------------|------|------|----------------------------------|-------|------------------------------------|
|          |              |                  |                   |                     | 2/3"                   | 1/2" | 1/3" |                                  |       |                                    |
| V4.0-1.2 | 4102         | Fast, wide angle | 4.0               | 1.2-16C             | —                      | —    | 63°  | 0.3 (0.1)                        | CS    | 37-0.5                             |
| V8.0-1.2 | 4103         | Fast, standard   | 8.0               | 1.2-16C             | —                      | —    | 33°  | 0.7 (0.2)                        | CS    | 37-0.5                             |

**TABLE 2**  
**DIMENSIONS**

| Model    | External Dimensions in. (cm) |           | Weight lb (g) | Shipping Dimensions in. (cm) |           |            | Shipping Weight lb (kg) | Shipping Volume ft <sup>3</sup> (m <sup>3</sup> ) |
|----------|------------------------------|-----------|---------------|------------------------------|-----------|------------|-------------------------|---|
|          | Length                       | Diameter  |               | Height                       | Width     | Depth      |                         |   |
| V4.0-1.2 | 1.4 (3.6)                    | 1.5 (3.8) | 0.18 (82)     | 1.9 (4.8)                    | 2.0 (5.1) | 1.75 (4.5) | 0.2 (91)                | 0.004 (0.0001)                                    |
| V8.0-1.2 | 1.3 (3.3)                    | 1.5 (3.8) | 0.15 (68)     | 1.9 (4.8)                    | 2.0 (5.1) | 1.75 (4.5) | 0.17 (77)               | 0.004 (0.0001)                                    |

## CONTRACTORS' SPECIFICATION

### 1/3-INCH FORMAT FIXED-FOCAL-LENGTH LENSES

The lens shall be a 1/3-inch format, fixed-focal-length, manual-iris lens for CCTV cameras. The focal length shall be 4.0 mm with a maximum aperture of f/1.2. It shall have a CS-mount. The lens shall be Vicon's model V4.0-1.2.

The lens shall be a 1/3-inch format, fixed-focal-length, manual-iris lens for CCTV cameras. The focal length shall be 8.0 mm with a maximum aperture of f/1.2. It shall have a CS-mount. The lens shall be Vicon's model V8.0-1.2.

Product specifications subject to change without notice.  
Copyright © 1993 Vicon Industries Inc. All rights reserved.

Vicon part number 8006-7812-00-00  
Vicon and its logo are registered trademarks of Vicon Industries Inc.

