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CCTV Lenses

1/3-inch Format Varifocal

Overview

GE Security offers a complete line of 1/3-inch format lenses. Our lenses are compact in size, while offering large apertures for superb low-light performance. High-quality multicoated glass lens elements provide excellent contrast and color rendition. Aspheric lens surfaces on all models provide corner-to-corner image sharpness at all aperture settings. All lenses feature metal CS mounts.

Outstanding Features

Lenses are available with manual or DC autoiris. When using a manual iris lens, the iris is adjusted using a ring on the body of the lens. The electronics within the camera automatically compensate for any changes in luminosity.

If the camera is to be used in an outdoor situation, we recommend using an autoiris lens. An automatic iris adjusts to compensate for changes in light and incorporates a neutral density filter to provide additional protection in bright light conditions.

Included in the varifocal line is a 2.7 mm to 13 mm day/night lens—designed using special optical glass for extremely low chromatic aberration—providing sharp round-the-clock surveillance without the need for nighttime refocusing.



Standard Features

- **1/3-inch format varifocal lenses**
- **Manual or DC autoiris**
- **Compact**
- **Large aperture for excellent low-light performance**
- **Modern aspheric lens surfaces on all models for superior image quality**
- **High-quality glass lenses with modern multicoating for superb contrast and color rendition**
- **Metal CS mount**



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Specifications

KTL-2.5-10VM/KTL-2.5-10VA

- Focal length: 2.5 to 10 mm
- Zoom ratio: 4x
- Max aperture: F1.4 to 2.7
- MOD: 0.3 m
- Weight: 77.8 g (VA: 75.9 g)
- Dimensions (mm): 48 x 60 (VA: 50.5 x 60)

KTL-2.7-10VM/KTL-2.7-10VA

- Focal length: 2.7 to 13.5 mm
- Zoom ratio: 4.8x
- Max aperture: F1.3
- MOD: 0.3 m
- Weight: 65.0 g (VA: 70.0 g)
- Dimensions (mm): 56.1 x 40.5 x 55.7 (VA: 56.1 x 40.5 x 55.2)

KTL-2.9-8VM/KTL-2.9-8VA

- Focal length: 2.9 to 8 mm
- Zoom ratio: 2.75x
- Max aperture: F0.95
- MOD: 0.3 m
- Weight: 35.0 g (VA: 50.0 g)
- Dimensions (mm): 36.7 x 33.5 x 51.3

KTL-3.5-8VM/KTL-3.5-8VA

- Focal length: 3.5 to 8 mm
- Zoom ratio: 2.28x
- Max aperture: F1.4 to 1.96
- MOD: 0.3 m
- Weight: 89.8 g (VA: 76.6 g)

- Dimensions (mm): 36 x 48.1 (VA: 47.1 x 48.1)

KTL-5.5-33VM/KTL-5.5-33VA

- Focal length: 5.5 to 33 mm
- Zoom ratio: 6x
- Max aperture: F1.6
- MOD: 0.3 m
- Weight: 148.5 g (VA: 144.5 g)
- Dimensions (mm): 42 x 54.5 (VA: 54.3 x 54.5)

KTL-5-50VM/KTL-5-50VA

- Focal length: 5.0 to 50 mm
- Zoom ratio: 10x
- Max aperture: F1.3
- MOD: 0.3 m
- Weight: 95.0 g (VA: 100.0 g)
- Dimensions (mm): 63.1 x 40.5 x 55.7 (VA: 63.2 x 40.5 x 55.2)

KTL-7-70VM/KTL-7-70VA

- Focal length: 7.0 to 70 mm
- Zoom ratio: 10x
- Max aperture: F1.8 to 2.17
- MOD: 0.3 m to 1.0 m
- Weight: 199.5 g (VA: 201.5 g)
- Dimensions (mm): 55 x 82.2

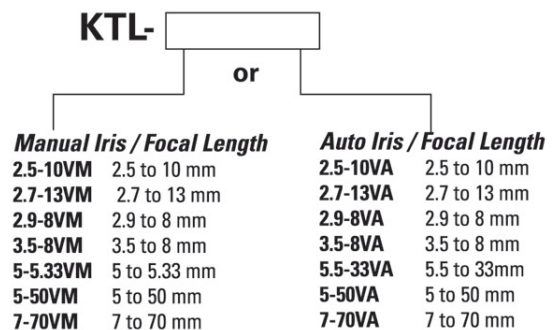
Additional Information

- Day/night: No (except KTL-2.7-13VM/KTL-2.7-13VA: Yes)
- Aspheric surface: Yes (applies to all models)

Ordering Information

Related Diagram

Not Applicable



GE Security

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