

# computar®

## AUTO IRIS VARI-FOCAL LENS DC DRIVE SERIES INSTRUCTION MANUAL

### TG3Z2910FCS-IR

### TG4Z2813FCS-IR

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## ① Description of Lenses

This Auto IRIS VARI-FOCAL lens is called as "IR-Lens" and used for "Day & Night Camera" and "Ultra High Sensitivity Camera". Because of the difference of wavelength distribution between Day and Night (especially with infrared lamp), Standard CCTV lens causes Focus Shift. Our "IR-Lens" solve it with using the special optical materials.

Vari-Focal lenses can select the focal length within the specified range like zoom lenses, but focus adjustment is needed after setting of the focal length. They are designed for CS-mount camera, and feature a galvanometric iris system, ND filter and adjustable mount. As the fast F-speed of F1.0 and the density of F360, it makes a high quality picture on a monitor, especially on color, and also compensates bright objects in outdoor use.

## ② Description of Iris

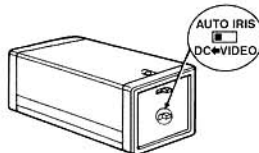
This lens has a galvanometric iris and neutral density filter.

The iris is controlled by an amplifier in the camera, and automatically closes when power is off.

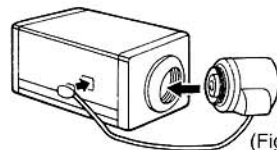
## ③ How to mount Lens on CS-Mount camera

Before mounting the lens, see details in the camera instruction manual.

- 1) Make sure the lens selection switch (DC/Video) on the camera is set at DC position. (Fig 1)
- 2) Mount the lens by turning it clockwise onto the camera mount until it stops. (Fig 2)
- 3) As the lens mount is constructed to be rotatable, please adjust the lens attitude. If necessary, turn the lens counterclockwise slowly until it gets the best attitude.
- 4) Connect the lens cable plug to the camera connector. (Fig 2)



(Fig 1)



(Fig 2)

## 4 Cable

1	Brown	Control (-)
2	Red	Control (+)
3	Yellow	Drive (+)
4	Orange	Drive (-)



## 5 Specifications

Model No.	TG3Z2910FCS-IR	TG4Z2813FCS-IR
Application	1/3" format camera	
Focal Length	2.9~8.2mm	2.8~12mm
Aperture	F1.0~360	F1.3~360
Angle of View	(D)	44.7°~125.6°
	(H)	35.6°~95.0°
	(V)	26.7°~69.0°
Object Distance	0.5m~INF	0.3m~INF
Filter Size	-	
Mount	CS-Mount	
Operating Temp.	-10°~+50°C	
Dimensions (DxWxL)	φ33.5x46.6x44.3mm	φ37.5x48.0x56.0mm
Weight	51g	71g

Subject to change without notice.



## Français/French Élimination de votre ancien appareil

1. Ce symbole, représentant une poubelle sur roulettes barrée d'une croix, signifie que le produit est couvert par la directive européenne 2002/96/EC.
2. Tous les produits électriques et électroniques doivent être éliminés séparément de la chaîne de collecte municipale des ordures, par l'intermédiaire des installations de collecte prescrites et désignées par le gouvernement ou les autorités locales.
3. Une élimination conforme aux instructions aidera à réduire les conséquences négatives et risques éventuels pour l'environnement et la santé humaine.
4. Pour plus d'informations concernant l'élimination de votre ancien appareil, veuillez contacter votre mairie, le service des ordures ménagères ou encore le magasin où vous avez acheté ce produit.



## English Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

## Deutsch/German Entsorgung von Altgeräten

1. Wenn dieses Symbol eines durchgestrichenen Abfallimers auf einem Produkt angebracht ist, unterliegt dieses Produkt der europäischen Richtlinie 2002/96/EC.
2. Alle Elektro- und Elektronik-Altgeräte müssen getrennt vom Hausmüll über die dafür staatlich vorgesehenen Stellen entsorgt werden.
3. Mit der ordnungsgemäßen Entsorgung des alten Geräts vermeiden Sie Umweltschäden und eine Gefährdung der persönlichen Gesundheit.
4. Weitere Informationen zur Entsorgung des alten Geräts erhalten Sie bei der Stadtverwaltung, beim Entsorgungsamt oder in dem Geschäft, wo Sie das Produkt erworben haben.