SAMSUNG

Quick & Easy

CCTV Varifocal Lens SLA-3580DN User's Manual

Thank you for purchasing a SAMSUNG CCTV LENS.
Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

ENGLISH

SAMSUNG AUTO IRIS LENS FOR CCD CAMERA OPERATING INSTRUCTIONS

SAMSUNG Lens is aimed at sharp, crisp images and exposure accuracy under even the most adverse lighting conditions.

The iris auto-close function protects imagers and optical filters from extreme high lights when power is off.

To receive the best possible results, read the instruction manual carefully before using the lens.

Samsung Techwin cares for the environment at all product manufacturing stages to preserve the environment, and is taking a number of steps to provide customers with more environment-friendly products. The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.
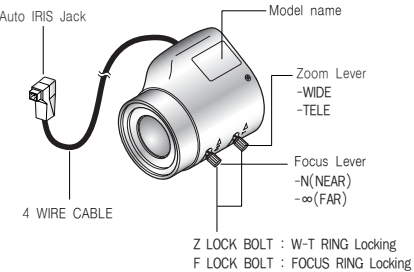
eco RoHS compliant

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* Specifications are subject to change without prior notice.

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1. LENS

This lens embeds ND filter and take auto iris function by Galvanometer.
And apply this lens to CCD camera that use CS mount which equipped 1/3″ CCD element and embeded DC iris drive curcuit.
It has self focus and mount control function, operate DC iris function through lens and attached cable.

2. PART NAMES AND FUNCTION

Auto IRIS Jack

Model name

Zoom Lever
-WIDE
-TELE

Focus Lever
-N(NEAR)
-∞(FAR)

4 WIRE CABLE

Z LOCK BOLT : W-T RING Locking
F LOCK BOLT : FOCUS RING Locking

3. IRIS

This lens have a built-in ND filter and iris by Galvanometer. This iris tool is driven by inner circuit of camera.
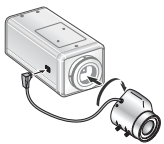If power is off, its state is locked.

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4. HOW TO ASSEMBLE LENS AND CS MOUNT CAMERA

1) Set Lens selection switch (DC/video) to DC location (picture 1)
2) Turn the lens clockwise to lock onto camera part mount screw.
   (When the lens locks successfully, it can turn around SLIP state)
3) Turn clockwise until stop by stopper even if it almost SLIP state.
4) From that point, if turn it anticlockwise, it moves 340 degree in SLIP state.
   Then set the direction as want within that range.
5) Finally connect of lens cable to connector of camera. (picture 2)
6) Turn focus lever to adjust

picture 1   picture 2

AUTO IRIS
DC ← VIDEO

⚠ Caution

This lens takes CS mount type so should be used 12.5mm FLANGE-BACK setting camera.

5. LINE BOUNDS

① Red : Damping (-)
② Black : Damping (+)
③ White : Drive (+)
④ Green : Drive (-)

• SPECIFICATION

Model Name		SLA-3580DN
Focal Length		3.5~8mm
Max. Aperture Ratio		1:0~360
Max. Image Format		1/3″
Operation	Iris	Auto (F1.0~360)
	Focus	Manual
	Zoom	Manual
Angle Of View	Diagonal	111.2˚ ~ 44.7˚
	Horizontal	-
	Vertical	-
Iris Type		DC
Effective Lens Aperture	Front	Ø 14.2
	Rear	Ø 11
Back Focal Length		8.7 to 14.7mm
Flange Back Length		12.5mm
Mount		CS
Dimension(W X H X D)		38.6X 45.3 X 46mm
Weight		54.5g (w/o CAP)

• SALES NETWORK

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DECLARATION OF CONFORMITY

Application of Council Directive(s)	89 / 336 / EEC
Manufacturer's Name	SAMSUNG TECHWIN CO., LTD
Manufacturer's Address	SAMSUNG TECHWIN CO., LTD
	42, SUNGJU-DONG CHANGWON-CITY,
	KYUNGNAM, KOREA, 641-716
European Representative Name	
European Representative Address	
Equipment Type/Environment	CCTV CAMERA LENS
Model Name	SLA-3580DN
Beginning Serial NO.	J202001
Year of Manufacture	2002
Conformance to	EN 55022 : 1998 Class A
	EN 50130-4 : 1995 / AI : 1988

We, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s).

Manufacturer	SAMSUNG TECHWIN CO., LTD	Legal Representative in Europe
Signature	*Young Taek, SON*	Signature
Full Name	YOUNG TAEK SON	Full Name
Position	QUALITY CONTROL MANAGER	Position
Place	CHANGWON, KOREA	Place
Date	2002. 02. 25	Date