

# **Megapixel Camera Lens**

## **User Manual**

SLA-M2890PN

# AUTO IRIS LENS FOR Megapixel CAMERA OPERATING INSTRUCTIONS

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The auto-iris lens for the megapixel cameras is equipped with an automatic iris controlled by a built-in stepping motor. It provides an uniform depth of field, enabling an optimum image even in circumstances where the light levels of a subject vary considerably.

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



Hanwha Vision cares for the environment at all product manufacturing stages, and is taking measures to provide customers with more environmentally friendly products.

The Eco mark represents Hanwha Vision's devotion to creating environmentally friendly products, and indicates that the product satisfies the EU RoHS Directive.

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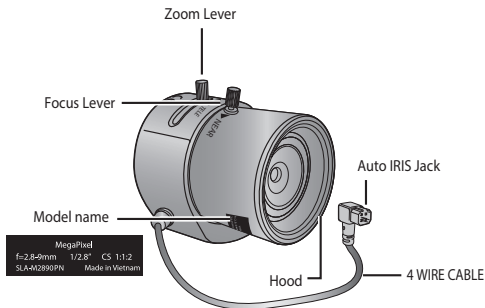
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## LENS

This lens embeds ND filter and takes auto iris function by Galvanometer.

It has self focus and mount control function, operates DC iris function through lens and attached cable.

## PART NAMES AND FUNCTION



## IRIS

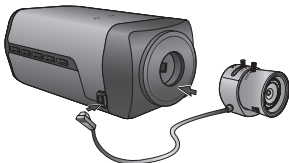
The iris of this device is driven by a stepping motor. The operation of the iris is controlled by an internal circuit in the camera.



- This lens cannot be used with a camera designed for DC Iris.

## HOW TO ASSEMBLE LENS AND CS MOUNT CAMERA

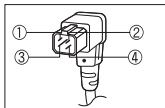
- 1) Turn the lens clockwise to lock onto camera part mount screw.  
(When the lens locks successfully, it can turn around SLIP state)
- 2) Turn clockwise until stop by stopper even if it almost SLIP state.
- 3) From that point, turn the lens counter clockwise to rotate it in the SLIP state by up to. In such a way, you can adjust the lens to a desired position.
- 4) Connect the lens cable to the appropriate camera connector.
- 5) Finally, use the focus lever and zoom lever to fit the zoom factor and focus.  
Then, fix the lens with the camera.



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

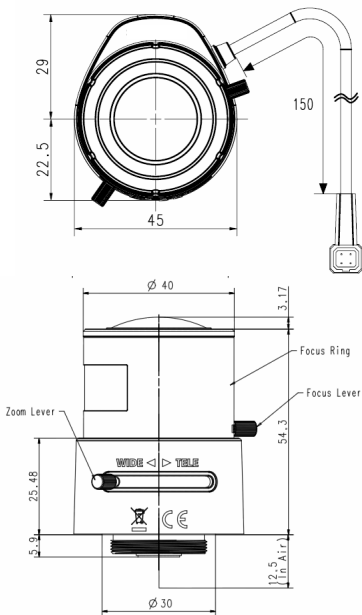
## WIRING

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



# DIMENSION

Unit : mm



## SPECIFICATION

<b>Model</b>		SLA-M2890PN
<b>Imager Size</b>		1/2.8"
<b>Focal Length</b>		2.8~9.0mm
<b>Max. Resolution</b>		3 Mega-Pixel
<b>Max. Aperture Ratio</b>		1:1.2
<b>Max. Image Format</b>		5.12mm x 3.84mm (Max Ø6.7)
<b>Operation</b>	<b>Iris</b>	P-Iris(F1.2 ~ F360C)
	<b>Focus</b>	Manual(0.3m ~ Inf.)
	<b>Zoom</b>	Manual(2.8~9.0mm)
<b>Angle ofView</b>	<b>Diagonal</b>	134.2° ~ 42.7°
	<b>Horizontal</b>	104.2° ~ 33.7°
	<b>Vertical</b>	77.2° ~ 25.3°
<b>Back Focal Length</b>		7.52mm(0.30") (In Air)
<b>Flange Back Length</b>		12.5mm (0.49")
<b>Mount</b>		CS-mount
<b>Dimension (W x H x D)</b>		40 x 51.5 x 63mm(1.57"x 2.03"x 2.48")
<b>Operating Temperature</b>		-10°C ~ +50°C (+14°F ~ +122°F)
<b>Weight</b>		82.1g(0.18lb)

※ Refer to our website for the camera models compatible with this product.

