HOW TO ASSEMBLE LENS AND CS MOUNT CAMERA

Turn the lens clockwise to lock onto camera part mount screw. (When the lens locks successfully, it can turn around SLIP state)

Turn clockwise until stop by stopper even if it almost SLIP state.

From that point, turn the lens counter clockwise to rotate it in the SLIP state by up to 340 degrees. In such a way, you can adjust the lens to a desired position.

The proper installation is that you face each flat (non-hood) side toward the corner.

Connect the lens cable to the appropriate camera connector.

Finally, use the focus lever and zoom lever to fit the zoom factor and focus. Then, fix the lens with the camera.

1)  
2)  
3)  
4)  
5)  

Megapixel Camera Lens
User Manual

SLA-M3180PN

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.

SAMSUNG AUTO IRIS LENS FOR Megapixel CAMERA OPERATING INSTRUCTIONS

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

LENS

This lens is designed for a camera that has a stepless iris. The iris of this lens is driven by a micro-processor circuit attached to the lens, and has a P-iris function. The auto iris function is activated by the contrast detector in the camera.

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.

WIRING

1) Red B  
2) Yellow A  
3) Brown A-  
4) Orange B-  

DIMENSION SPECIFICATION

Model
SLA-M3180PN

Imager Size
1/2.8"

Aspect Ratio
16:9

Focal Length
3.1 ~ 8.0mm

Max. Resolution
3Mega Pixel

Max. Aperture Ratio
1:1.2

Max. Image Format
5.8mm x 3.2mm (ø 6.6mm)

Iris
P-Iris (F1.2 ~ F360C)

Focus
Manual (0.3m ~ Inf.)

Zoom
Manual (3.1mm ~ 8mm)

Angle of View
Diagonal
116.8° ~ 46.2°

Horizontal
101.0° ~ 40.6°

Vertical
53.9° ~ 22.2°

Effective Lens
Front
Ø20.9mm (Ø0.82")

Rear
Ø10.5mm (Ø0.41")

Back Focal Length
7.8mm (0.31")

Flange Back Length
12.5mm (0.49")

Mount
CS-mount

Dimension (W x H x D)
43.8 x 48.2 x 55mm (1.72" x 1.90" x 2.17")

Operating Temperature
-10°C ~ +50°C

Weight
57g (0.126lb)

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