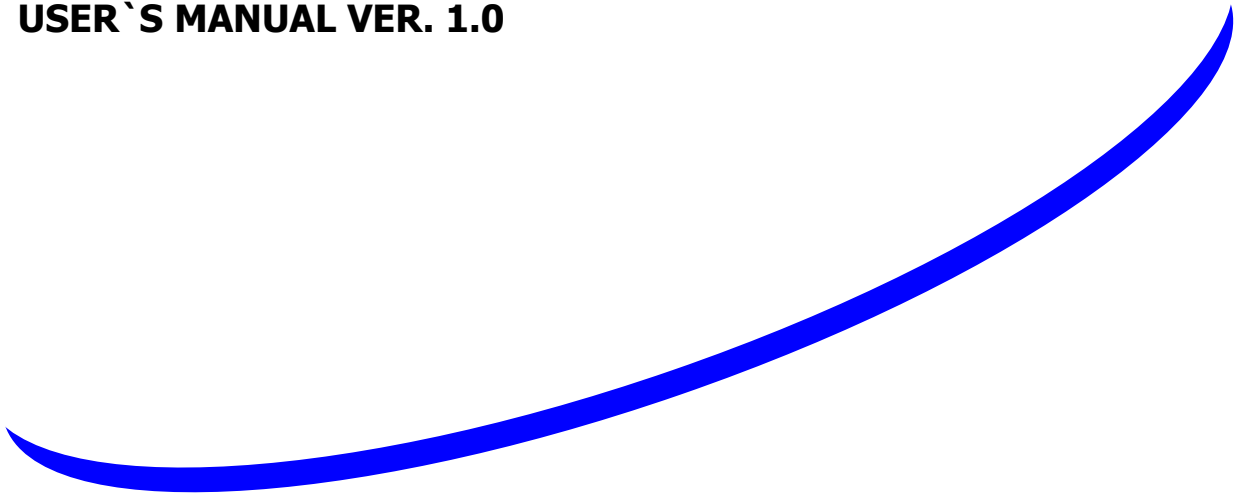




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**USER`S MANUAL VER. 1.0**



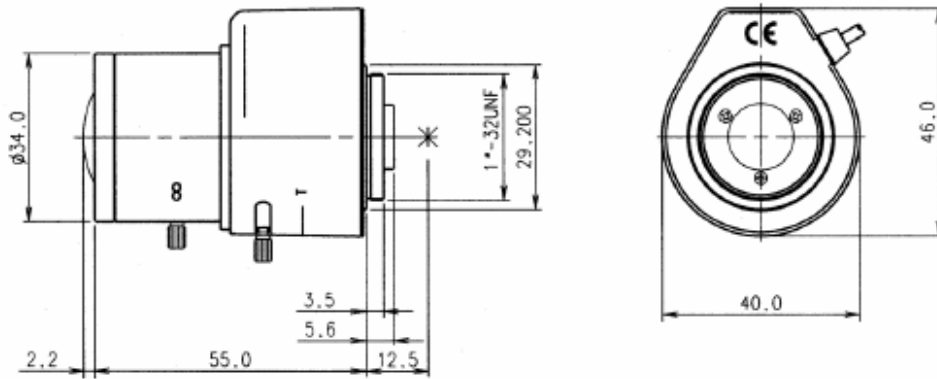
**AUTO IRIS VARIFOCAL LENS**

**NOVUS SECURITY Sp. z o.o.**  
**359 Pulawska Str., 02-801 Warsaw, Poland**  
**tel: +4822-546-0-500; fax: +4822-546-0-519**  
**[info@novuscctv.com](mailto:info@novuscctv.com); [www.novuscctv.com](http://www.novuscctv.com)**

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**Outline Drawing of NVL-2810D**



Note: This lens is designed for CS mount camera. Note that C mount camera is unavailable.

**Production Summary**

1. These varifocal lenses are variable-magnification lenses that cover the most frequently used field of view. Note however, that the focus must be adjusted each time you change the field of view.
2. DC-Type lenses use a DC Iris.
3. Read this manual carefully before using your lenses in order to use them correctly.

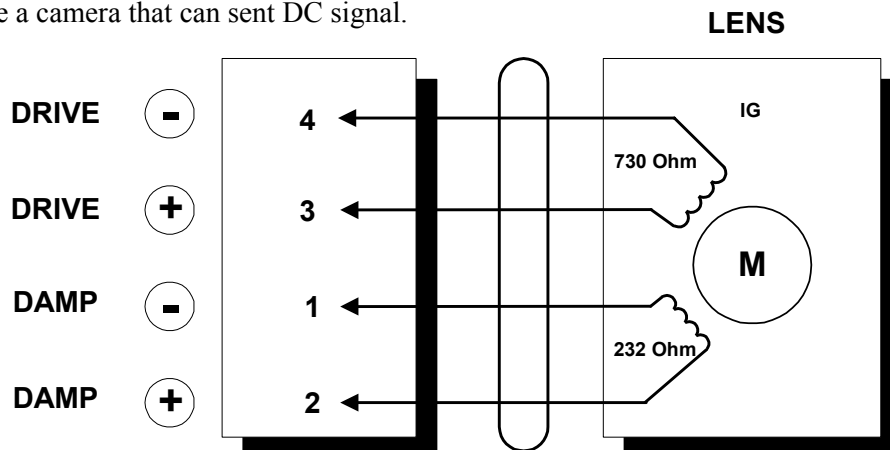
**Installation on the Camera, Adjustment and Removal**

1. Attach the lenses by screwing it into to TV camera lens mount.
2. If you continue to turn the lens clockwise after it is fully screwed into the mount, the mount start to rotate freely.
3. While the mount is rotating freely, turn the lens in the desired direction and adjust the lens attitude.
4. To detach the lens from TV camera, turn the entire lens counterclockwise until it comes off.

**Wiring Diagram**

**Note:** This iris control for this lens can not be activated with video signal.

Please use a camera that can sent DC signal.



**Optical and Mechanical Specifications**

<b>Model</b>	<b>NVL-358D</b>	<b>NVL-2810D</b>	<b>NVL-515D</b>	<b>NVL-550D</b>
<b>Application</b>	for 1/3" format color and b/w camera			
<b>Focal Length</b>	3.5÷8 mm	2.8÷10mm	5÷15mm	5÷50mm
<b>Iris Range</b>	F=1.4-360	F=1.4-360	F=1.4-360	F=1.8-360
<b>Horizontal Field Angle</b>	70°-34°	82.5°-28°	52.5°-19°	52.5°-5.6°
<b>Mount</b>	CS-mount			

**Maintenance of the Lens**

Dirty lens surface due to ‘dust’, ‘oil’ or finger print causes harmful flare which results in degeneration lens property.

Besides, the dirt on the lens may gather molds or scorch on the lens.

Whenever the lens is found to be dirty clean the lens as instructed below.

1. To remove dust on the lens - Brush “trash” or “dust” off with an oil-free soft brush or a blower-brush.
2. To remove oil on the lens - wipe water drops or oil off the lens with a clean soft cloth and dry the lens surface. Then prepare oil-free and washed-out cotton cloth or lens cleaning paper with either alcohol, benzene or lens cleaning liquid. Wipe the rest of the dirty off gently with the cloth or paper by moving spirally from the lens center towards its rim. Repeat wiping with another wet cloth or paper or paper until the lens becomes completely clean.

**Product Components**

1. Lens - 1
2. Front lens cap - 1
3. Rear lens cap - 1
4. Operation manual - 1

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