

user's manual instrukcja obsługi



eng

pl

NVL-358D
NVL-2810D
NVL-550D
NVL-308D/IR
NVL-358D/IR
NVL-416D/IR
NVL-550D/IR

NOVUS[®]

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INFORMATION

EMC (89/336/EEC) and LVD (73/23/EEC) Directives


CE Marking

 Our products are manufactured to comply with requirements of following directives and national regulations implementing the directives:

- Electromagnetic compatibility EMC 89/336/EEC with further amendments.
- Low voltage LVD 73/23/EEC with further amendment. The Directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

WEEE Directive 2002/96/EC

Information on Disposal for Users of Waste Electrical and Electronic Equipment

 This appliance is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose.

For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

RoHS Directive 2002/95/EC



Concerning for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, were designed and manufactured in compliance with mentioned regulation. Simultaneously, we claim that our products were tested and do not contain hazardous substances exceeding limits which could have negative impact on human health or natural environment.

Information

The device, as a part of professional CCTV system used for surveillance and control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for defects and damages resulted from improper or inconsistent with user's manual installation of the device in the system.

WARNINGS AND PRECAUTIONS

WARNING!

READ, KEEP AND FOLLOW THESE INSTRUCTIONS. ALL THE SAFETY AND OPERATING INSTRUCTIONS SHOULD BE READ BEFORE THE PRODUCT IS OPERATED.

WARNING!

USER IS NOT ALLOWED TO DISASSEMBLE THE CASING IF THERE ARE NO USER-SERVICEABLE PARTS INSIDE THIS UNIT. ONLY AUTHORIZED SERVICE PERSONNEL MAY OPEN THE UNIT

INSTALLATION AND SERVICING SHOULD ONLY BE DONE BY QUALIFIED SERVICE PERSONNEL AND CONFORM TO ALL LOCAL REGULATIONS

INFORMATION

Data included in the following user's manual is up to date at the time of printing. Novus Security Sp z o.o. holds exclusive rights to modify this manual. The producer reserves the rights for device specification modification and change in the design without prior notice.

FOREWORD/INSTALLATION

FOREWORD

NOTICE:

1. Read, keep, and follow these instructions.
2. CS mounting type lenses are not compatible with the cameras with mounting type C.

WARNING: Do not use the lens to look at the sun. It may cause loss of eyesight.
Do not direct the lens into the sun. It may cause fire.

MAINTENANCE

1. Do not attempt to touch the lens iris by hand.
2. To remove dust from the lens - brush “trash” or “dust” off with an oil-free soft brush or a blower-brush. Do not touch lens by bare hands.
3. To remove oil from the lens - wipe water drops or oil off the lens with a clean soft cloth and then dry the lens surface. Then prepare oil-free and washed-out cotton cloth or lens cleaning paper with either alcohol or lens cleaning liquid. Wipe the rest of the dirt off gently with cloth or paper by moving spirally from the lens center towards its rim. Repeat wiping with another wet cloth or paper until the lens becomes completely clean. In case of lens cleaning please do not use any detergent (for example petrol).

INSTALATION

WARNING: Before connecting lens to the camera you must be absolutely certain that the power voltage is disconnected.

1. Remove the caps protecting the lenses. If needed please remove the dust from the lenses.
2. Mount the lens onto camera by turning it gently clockwise, stop when you feel slight resistance.
3. After checking the polarity connect the lens cable to the lens connector
4. Connect the camera to the monitor and adjust the angle of view and focus.

Iris Operation	Color	Function
DC Type	1 - Green	Brake Coil –
	2 - White	Brake Coil +
	3 - Red	Drive Coil –
	4 - Black	Drive Coil +

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION

Table 1: DC-type auto-iris varifocal lenses

Model	NVL - 358D	NVL - 2810D	NVL - 550D
Application	for 1/3" CCD format color and b/w cameras		
Focal Length	3.5÷8 mm	2.8÷10mm	5÷50mm
Iris Range	F=1.4 - 360	F=1.4 - 360	F=1.8 - 360
Horizontal Angle of View	80°-34°	82.5°-28°	52.5°-5.6°
Mount	CS - mount	CS - mount	CS - mount

Table 2: DC-type auto-iris day / night varifocal lenses

Model	NVL - 308D/IR	NVL - 358D/IR	NVL - 416D/IR	NVL - 550D/IR
Application	for 1/3" CCD format day / night, color and b/w cameras (designed for use with IR illuminators)			
Focal Length	3÷8 mm	3.5÷8 mm	4÷16mm	5.0÷50mm
Iris Range	F=1.0 - 360	F=1.4 - 360	F=1.4 - 360	F=1.3 - 360
Horizontal Angle of View	82°-35°	80°-35°	65°-18°	52.7°-5.7°
Mount	CS - mount	CS - mount	CS - mount	CS - mount

IR range designed lenses are compatible with day and night cameras and dedicated for use with IR illuminators.

Lenses leveling chromatic aberration - different focusing for different wavelength range both visible and infrared illumination. Thanks to that image form the camera could be as sharp in infra red as it is in daylight.

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