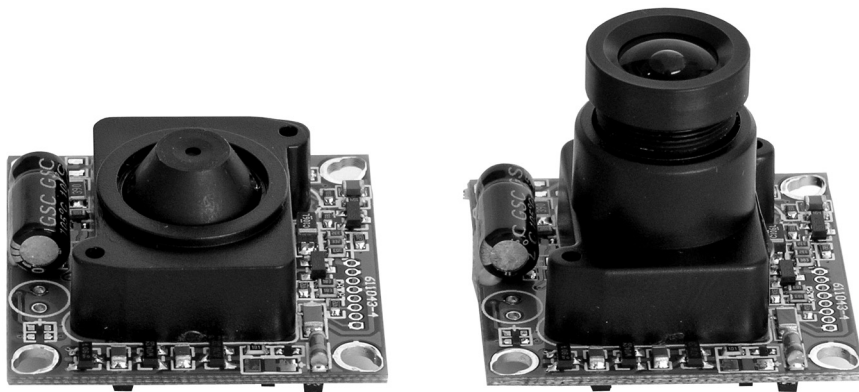


# user's manual



eng


**NVC-SB100B**  
**NVC-HB100B**  
**NVC-SB100BCP**  
**NVC-HB100BCP**

**noVus™**

## 1. Important Safeguards and Warnings:

1. Read, keep, and follow these instructions.
2. Heed all warnings.
3. There are no user-serviceable parts inside this unit. Only authorized service personnel may open the unit.
4. Installation and servicing should only be done by qualified service personnel and conform to all local codes.
5. Unplug the unit from the outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power supply cord or plug is damaged.
  - b. If liquid has been spilled or objects have fallen into the unit.
  - c. If the unit has been submerged under water.
  - d. If the unit does not operate normally by following the operating instructions.
  - e. If the unit has been dropped or the cabinet has been damaged.
  - f. When the unit exhibits a distinct change in performance.
6. Unplug the unit from the power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning purposes.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat source or near water (any wet area).
9. Only use attachments / accessories specified by the manufacturer.

### IMPORTANT

 This product is manufactured to comply with requirements of following directives and national regulations implementing the directives:

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

### 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).

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.

Technical modification are subject to change without prior notice. Misprints reserved.

## 2. Specifications:

### 2.1. Cameras with Pin-Hole Lens:

#### FEATURES:

1. Black/white cameras
2. Horizontal resolution of 420 TVL and 600 TVL
3. Built in Auto Electronic Shutter.
4. Minimum illumination of 0.07lx / F=2.0, 0.1 lx/F=2.0
5. Signal-to-noise ratio of 48dB.
6. Economical, furnished with Pin-Hole Lens
7. Power supply: 12 VDC

#### SPECIFICATION:

Model	NVC-SB100BCP	NVC-HB100BCP
Pick up Element	1/3"black/white CCD SONY Super HAD	
Number of Pixels	500(H) x 582(V)	752(H) x 582(V)
Resolution	420 TVL	600 TVL
Min. Illumination	0.07 lx/F=2.0	0.1 lx/F=2.0
S/N Ratio	> 48dB (AGC off)	
Gamma	0.45	
AGC	yes	
Sync. System	internal	
Electronic Shutter	auto (AES): 1/50 s ~ 1/110 000 s	
Video output	1.0 V <sub>p-p</sub> , 75 Ohms	
Lens Type	conical-Pinhole lens, f=3.7mm	
Power Supply	12 VDC	
Power Consumption	1.5 W	
Operating Temperature	-10°C ~ 50°C	
Dimensions (mm)	32 (W) x 15(H) x 32 (D)	
Weight	9.5 g	

### 2.2. Cameras with Board Lens:

#### FEATURES:

1. Black/white cameras
2. Horizontal resolution of 420 TVL and 600 TVL
3. Built in Auto Electronic Shutter.
4. Minimum illumination of 0.1 lx/F=2.0, 0.2 lx/F=2.0
5. Signal-to-noise ratio of 48dB
6. Economical, furnished with Board Lens
7. Power supply: 12 VDC

**SPECIFICATION:**

Model	NVC-SB100B	NVC-HB100B
Pick up Element	1/3"black/white CCD SONY Super HAD	
Number of Pixels	500(H) x 582(V)	752(H) x 582(V)
Resolution	420 TVL	600 TVL
Min. Illumination	0.1 lx/F=2.0	0.2 lx/F=2.0
S/N Ratio	> 48dB (AGC off)	
Gamma	0.45	
AGC	yes	
Sync. System	internal	
Electronic Shutter	auto (AES): 1/50 s ~ 1/110 000 s	
Video output	1.0 V <sub>p-p</sub> , 75 Ohms	
Lens Type	board lens, f=3.6mm	
Power Supply	12 VDC	
Power Consumption	1.5 W	
Operating Temperature	-10°C ~ 50°C	
Dimensions (mm)	32 (W) x 27(H) x 32 (D)	
Weight	14.5 g	

**3. Connection:**

