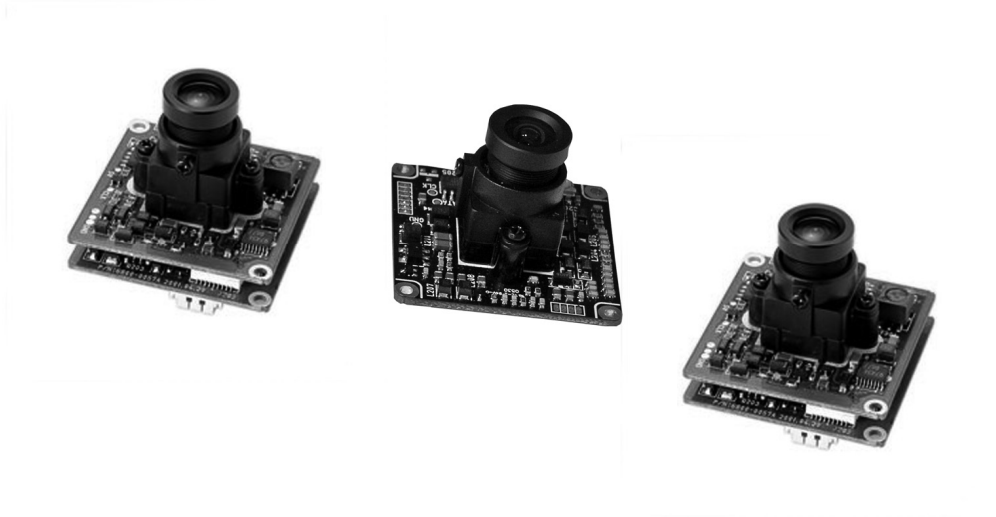


user's manual



eng


NVC-SC100B_SDN100B
NVC-HC100B_HDN100B
NVC-SC100BCP_SDN100BPC
NVC-HC100BCP_HDN100BPC

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:

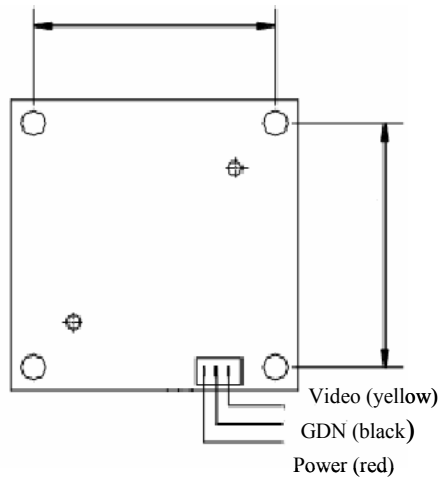
2.1. Color board cameras:

Model	NVC-SC100B	NVC-HC100B	NVC-SC100BCP	NVC-HC100BCP
Pick up Element	1/3" CCD color, SONY SuperHAD			
Resolution	380 TVL	540 TVL	380 TVL	540 TVL
Min. Illumination	0.3 lx/F=2.0	0.5 lx/F=2.0	0.3 lx/F=2.0	0.5 lx/F=2.0
S/N Ratio	> 48dB (AGC off)			
White Balance	Auto			
AGC	Auto			
BLC	Auto			
Sync. System	Internal			
Electronic Shutter	Auto (AES): 1/50s ~1/100 000s			
Video output	1.0 V _{p-p} , 75 Ohms			
Lens Type	Board lens, f=3.8mm		Pin-Pinhole lens, f=3.8mm	
Focus	Manual			
Input/Output Connector	Power (red), Video (yellow), GND (black)			
Power Supply	12 VDC, +/- 10%			
Power Consumption	2 W			
Dimensions (mm)	32 (W) x 32 (L) x 28 (H)	38 (W) x 38 (L) x 38 (H)	32 (W) x 32 (L) x 15 (H)	38 (W) x 38 (L) x 25 (H)
Wright	17 g	25 g	12 g	20 g

2.2. Day/Night board cameras:

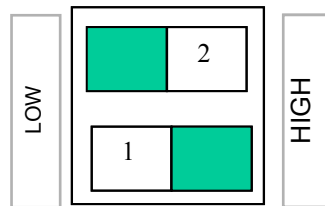
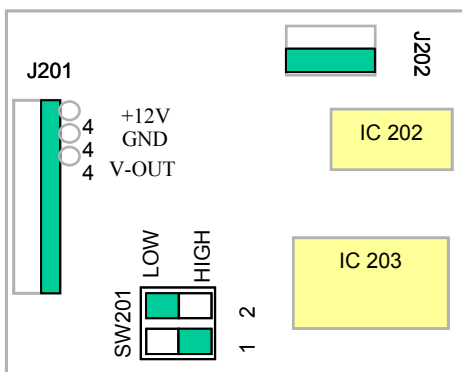
Model	NVC-SDN100B	NVC-HDN100B	NVC-SDN100BCP	NVC-HDN100BCP
Pick up Element	1/3" CCD SONY SuperHAD			
Resolution	380 TVL	540 TVL	380 TVL	540 TVL
Min. Illumination	0.3 lx/F=2.0	0.5 lx/F=2.0	0.3 lx/F=2.0	0.5 lx/F=2.0
S/N Ratio	> 48dB (AGC off)			
White Balance	Auto			
AGC	Auto			
BLC	Auto			
Sync. System	Internal			
Electronic Shutter	Auto (AES): 1/50s ~1/100 000s			
Video output	1.0 V _{p-p} , 75 Ohms			
Lens Type	Board lens, f=3.8mm		Pin-Pinhole lens, f=3.8mm	
Focus	Manual			
Input/Output Connector	Power (red), Video (yellow), GND (black)			
Power Supply	12 VDC, +/- 10%			
Power Consumption	2 W			
Dimensions (mm)	32 (W) x 32 (L) x 28 (H)	38 (W) x 38 (L) x 38 (H)	32 (W) x 32 (L) x 15 (H)	38 (W) x 38 (L) x 25 (H)
Wright	17 g	25 g	12 g	20 g

3. Connection:



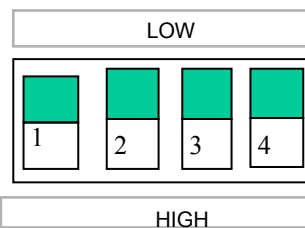
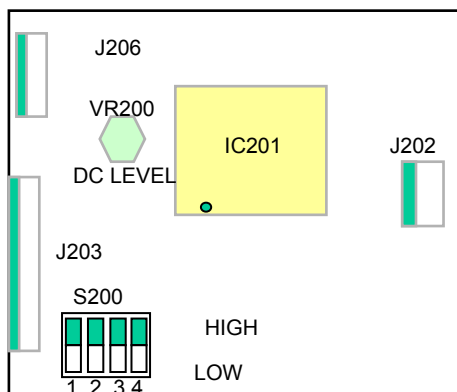
4. Interface:

NVC-SC100B, NVC-SC100BCP, NVC-SDN100B, NVC-SDN100BCP



PIN No	LOW	HIGH
1	AGC OFF	AGC ON
2	BLC OFF	BLC ON

NVC-HC100B, NVC-HC100BCP, NVC-HDN100B, NVC-HDN100BCP



PIN No	LOW	HIGH
1	BLC ON	BLC ON
2	ALC	ELC
3	AGC OFF	AGC ON
4	FL ON	FL OFF