

Code: GEMINI-AH0B-3

## AHD, PAL CAMERA **GEMINI-AH0B-3** - 1080p

Net: **239.83 PLN** Gross: **294.99 PLN**

Megapixel camera with 1/2.8" Sony CMOS IMX222 sensor and AHD (Analog High Definition) / PAL.

The AHD interface allows to transmission of analog video signal via coaxial cable in 1080p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.

The selection of the AHD / PAL standard is made with using Left / Right buttons.



### SPECIFICATION

Standard:	AHD, PAL
Sensor:	1/2.8 " Sony CMOS IMX222
Digital Image Processor:	Nextchip NVP2441H
Resolution:	1920 x 1080 - 1080p AHD-H , 960 x 576 - 960H PAL
Lens:	—
Lens mount:	C/CS
Auto Iris socket:	✓
Min. illumination:	0.1 Lux @ F1.2 (color) 0.01 Lux @ F1.2 (black-white)
Video output:	1 Vpp 75 Ω, AHD / PAL - selectable by switch
S/N ratio:	> 50 dB (AGC off)
OSD menu:	✓
Main features:	<ul style="list-style-type: none"><li>• ICR - Movable InfraRed filter</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</li><li>• D-WDR - Wide Dynamic Range</li><li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• Motion Detection - max. 4 zones</li><li>• Privacy zones - max. 4</li><li>• BLC - configurable Back Light Compensation</li><li>• HSBLC - High Light Compensation (spot)</li><li>• Mirror - Mirror image</li><li>• image "freeze"</li><li>• Sharpness - sharper image outlines</li><li>• Monitor type correction - LCD/CRT</li></ul>
Power supply:	12 V DC / 200 mA

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Application:	The camera is designed for indoor use, due to the possibility of steam condensation.
"Index of Protection":	IP40
Housing:	BOX, Metal
Color:	White / Black
Operation temp:	-10 °C ... 55 °C
Weight:	0.420 kg
Dimensions:	149 x 81 x 71 mm
Guarantee:	2 years

## PRESENTATION

Front view:



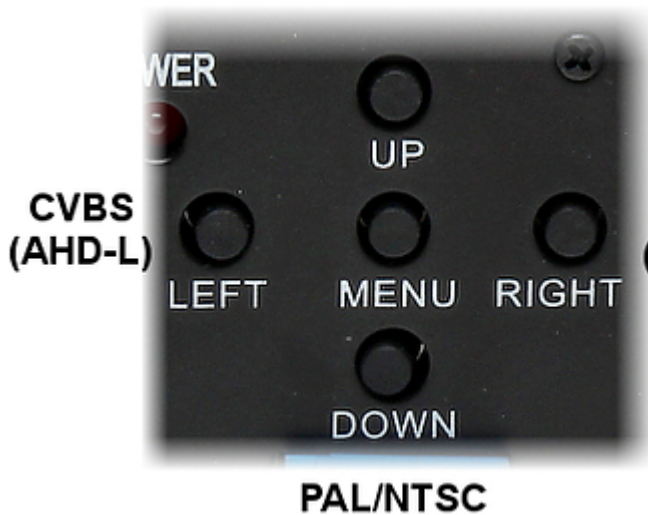
Side view (Auto Iris DC socket visible):



Rear view:



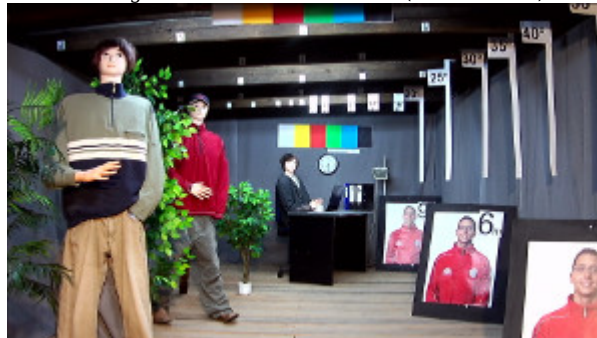
Configuration:



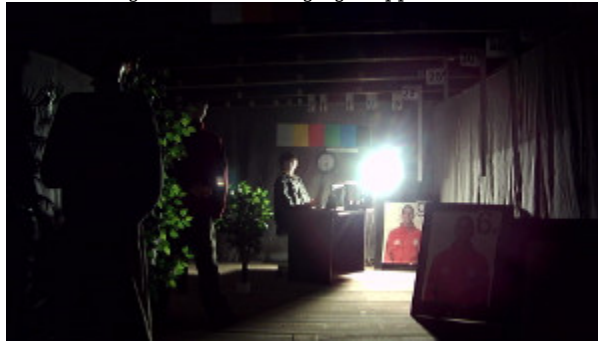
- 1) Turn on the power
  - 2) Press the LEFT / RIGHT button to set an appropriate resolution
  - 3) Press the DOWN button for 5 s, to set PAL/NTSC
- The PAL and NTSC standard is set regardless of the resolution.

## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at direct strong light opposite to camera:



Camera image at night conditions with external IR illuminator on:



Camera image at night conditions, at different illumination values show below:

1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:



Record from camera during daylight operation:

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