



# NVG2013HD FULL HD 2 MEGA PIXEL VARIFOCAL BULLET CAMERA

ITEM NUMBER: 0622013GHD

FULL HD CCTV bullet camera 1080p  
2 Mega Pixel Video Sensor, 2.8-12mm varifocal  
lens, HD-CVI/HD-TVI/AHD, 40m (131ft) night  
vision – F4N1

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HD CCTV for Less!

## Key Features

Compact bullet style camera  
4 in 1 Video Standards  
HD-CVI, HD-TVI, AHD and  
CVBS\* supported  
1/2.9" Sony CMOS  
2 Megapixel Video Board  
1080p full HD resolution  
2.8 - 12mm varifocal lens  
30 SMD Infrared LEDs for up to  
40m (131ft) night vision  
Incl. bracket

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## Description

CCTV colour compact bullet style camera, varifocal lens, 2 Mega Pixel 1080p full HD resolution, supports all HD standards and CVBS analogue video\*. The camera is equipped with infrared night vision and suitable for outdoor and indoor use.

Compatible with the following CCTV and DVR standards:

HDCVI	HDTVI	AHD	CVBS Analog	IP
✓	✓	✓	✓	✗
From 1080N 1080p lite 2 MPix	From 1080N 1080p lite 2 MPix	From 1080N 1080p lite 2 MPix	For testing purposes	

Camera Type and Video Standard:

- High Definition video via coaxial cable or UTP
- Sony CMOS high-performance video sensor provides a full HD 1080p quality image
- HD standards: HD-CVI, HD-TVI, AHD - plus an analogue CVBS\* signal (for testing purposes).

The camera operates with modern high definition systems and has an analogue CVBS mode for testing purposes during installation.

Lens:

- Varifocal optical lens with 2.8 to 12mm focal length and a diagonal field of view of approx. 94° to 25°.

Night Vision:

- 30 SMD infrared LEDs are activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) of up to 40m (131ft).
- Integrated automatic IR CUT filter provides a sharp image with realistic colours during daytime operation.
- Smart IR technology

The new generation of energy saving SMD infrared LEDs makes the night vision of the camera stronger and brighter than standard LEDs.

OSD and Image Quality Enhancements:

configurable via the OSD menu (remote via the DVR in HD modes), for example:

- 2D-NR Noise Reduction without loss of focus
- BLC, Backlight Compensation
- AGC, automatic gain control, for high definition pictures in low light environments
- AWB / MWB, automatic / manual white balance, to achieve true colour
- realWDR (Wide Dynamic Range), ensuring excellent picture quality under any lighting
- Smart IR, optimal exposure under infrared night

and many more.

Video Connection:

- via standard BNC connector for HDCVI, HDTVI, AHD and analogue CVBS – switchable with DIP switches

Housing and IP rating:

- Solid housing made of aluminium
- weatherproof according to IP66 specifications, can be used outdoors and indoors

Bracket:

- wall bracket included

## Technical Specifications

Image Sensor	1/2.9" Sony CMOS 2.0 Mega Pixel
Resolution	HD 1080p (1920x1080) at 25/30 fps / analogue CVBS for testing purposes
Video Output	1x BNC for HDCVI, HDTVI, AHD, CVBS - switchable
Minimum Illumination	0.05Lux F1.2 colour (IR off), 0 Lux (IR on)
Night vision	30 SMD LEDs, max. 40m (131ft) infrared night vision with automatic IR CUT filter
Lens	2.8 - 12mm varifocal optical lens, diagonal field of view of approx. 94° to 25°
Image Enhancement and OSD features	Day / Night IR-CUT (ICR), AGC, 2D-NR, AWB / MWB, BLC, realWDR, Sense-Up
OSD Menu	Accessible via DVR menu (in HD mode)
Weatherproof and Dustproof rating	IP66 for outdoor and indoor use
Housing	solid metal housing made of aluminium, colour: dark grey
Power Supply	DC 12V, 480mA, Power Supply included
Operating Temperature	-10° C ~ +55° C
Humidity	RH 85% Max (no condensation)
Dimensions	206 (L) x 85 (W) x 177 (H) mm
Weight	787g
Camera Type	4 in 1 1080p PRO Range (F4N1)

## Scope of Delivery

CCTV camera NVG2013HD

Fittings

Power adapter 12V DC

Instructions

\*CVBS output (analogue) for testing purposes only