

HD
720P

MOTOR
ZOOM



NVGM228HD **1.3MPIX HD** **MOTORISED** **VARIFOCAL LENS** **CAMERA**

ITEM NUMBER: 062VT228GMHD
MODEL: CV944VFWZI-HAC

1.3MPix HD bullet body style colour camera, with motorized varifocal lens, weatherproof, 720p, night vision, Sony Starvis, HDCVI FW-HAC

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HD CCTV for Less!

Key Features

HDCVI Compact colour Camera
1/3" Sony© Starvis (model IMX225)
1.3 Megapixel Video Board
720p (50fps) HD resolution
2.8 to 12mm motorised autofocus varifocal lens
24 large Infrared LEDs for up to 30m (98ft) night vision
OSD operated via DVR menu
Extra CVBS standard analogue video output

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Description

HDCVI 720p compact camera in bullet body style with infrared night vision, motorised autofocus zoom lens and real WDR, suitable for outdoor and indoor use.

The camera allows high definition video via coaxial cable or UTP – long distance transmission of video signal, audio and data over a single cable in 720p HD resolution.

The 1/3" Sony© 1.3 Megapixel Starvis (IMX225 model) video sensor together with the DSP (EN773E model) chipset provides a resolution of 720p at 50fps (frames per second) in brilliant HD quality.

Motorised varifocal optical lens with autofocus and 2.8 to 12mm focal length with a diagonal field of view of 94° to 25° degrees - controllable remotely via the PTZ menu of a HDCVI DVR (e.g. all of our Dahua X-Security HDCVI DVRs) – data over co-axial cable, no extra lead necessary.

24 large infrared LEDs are activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) to a maximum distance of 30m (98ft). The high sensitivity of the sensor allows a great performance under low light (0.005 Lux) without activated infrared.

Thanks to its DSP many image improvement features can be configured via its OSD menu:

- Real WDR (Wide Dynamic Range) 120 dB, ensuring a spectacular image quality under any lighting
- Sense-Up, keeps the image clear and clear at low lighting
- ATR (Adaptive Tone Reproduction) improves the gradient of tones and the definition
- DNR (Digital Noise Reduction) system without loss of focus
- AWB (Automatic White Balance) for true colours
- BLC (Back Light Compensation) and HLC (High Light Compensation)
- Defog, reduces the effect of fog, compensating the total contrast
- Smart IR, optimal exposure at night time under infrared light
- Privacy masks with 16 zones
- Motion detection (Video sensor)

Video connection via standard BNC connector (HDCVI) and in addition the camera has a standard 960H analogue BNC (CVBS) output (motor zoom operation and OSD access via DVR only via HDCVI connection).

Housing made of Aluminium is weatherproof according to IP66 specifications, can be used outdoors and indoors. Bracket is included. Easy wall or ceiling installation due to 360° support.

Please check our compatibility guide for the ideal DVR / camera combination.

Scope of Delivery

HDCVI camera NVGM228HD
Fittings
Alan Key
Power adapter 12V DC
Manual

Technical Specifications

Image Sensor	1/3" Sony© 1.3 Megapixel Starvis (IMX225 model)
DSP	EN773E
Resolution	HD 720p (1280x720 pixels) at 50 FPS, second BNC output for 960H resolution
Video Output	1x BNC for HDCVI, 1x BNC for CVBS PAL (960H)
Minimum Illumination	0 Lux (IR on)
Night vision	24 Infrared LEDs, up to 30m (98ft) infrared night vision with automatic IR CUT filter
Lens	Optical motorised varifocal zoom lens with autofocus, 2.8 to 12mm focal length with a diagonal field of view of 94° to 25° degrees
Image enhancement and OSD menu	Day/Night with IR-CUT (ICR), WDR, Sense-Up, DNR, HLC, BLC, AWB, AGC, Mask, MD
OSD Operation	Via DVR menu (e.g. with all of our Dahua X-Security HDCVI DVRs)
Housing	Solid Metal Housing, housing colour: dark grey
Weatherproof and Dustproof rating	IP66 for outdoor and indoor use
Power Supply	DC 12V, 450mA max, Power Supply included
Operating Temperature	-10° C ~ +50° C
Dimensions	260(L) x 110 (Ø) mm
Weight	785g
Camera Type	HDCVI ULTRA Range (FW-HAC)