



# DCG2010HD FULL HD 2 MEGA PIXEL VARIFOCAL DOME CAMERA

ITEM NUMBER: 0662010GHD

FULL HD CCTV camera 1080p 2 Mega Pixel full HD Panasonic Video Sensor, varifocal lens 2.7 to 13.5mm, HD-CVI, 30m (98ft) night vision with SMD LEDs – FHAC

## Key Features

Compact Colour dome style camera  
HD-CVI full HD with 960H analogue test output  
1/3" Panasonic CMOS  
2 Megapixel Video Board  
1080p full HD resolution  
2.7 to 13.5mm varifocal lens  
24 SMD Infrared LEDs for up to 30m (98ft) night vision  
Real WDR  
3 Axis design

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## Description

CCTV colour compact dome camera, 2 Mega Pixel 1080p full HD resolution in HD-CVI standard. 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			For testing purposes	

Camera Type and Video Standard:

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

The camera operates with modern high definition systems in HD-CVI and has an analogue CVBS output for testing purposes during installation.

Lens:

- varifocal optical lens with 2.7 to 13.5mm focal length with a diagonal field of view of approx. 98° to 26°.

Night Vision:

- 24 SMD infrared LEDs are activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) to a maximum distance of 30m (98ft).
- 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 with less energy consumption.

- OSD and Image Quality Enhancements: configurable via the OSD menu (remote via the DVR in HD modes, or directly on the camera), for example:

- 2D/3D-NR Noise Reduction without loss of focus
- ATR, Adaptive Tone Reproduction which improves the gradient and the definition
- AWB, automatic white balance for true colour
- Real WDR (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 HD-CVI, extra BNC for analogue CVBS (PAL) – CVBS for testing purposes

Housing and IP rating:

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

Bracket:

- three axis design bracket that allows easy and accurate adjustment of the viewing angle with wall or ceiling installation

## Technical Specifications

Image Sensor	1/3" 2 Megapixel Panasonic (MN34227)
DSP	EN773E
Resolution	HD 1080p (1920x1080) at 25 fps / 720p (25 ~ 50 fps) analogue CVBS for testing purposes
Video Output	1x BNC for HDCVI, 1x BNC for CVBS
Minimum Illumination	0 Lux (IR on)
Night vision	24 SMD Infrared LEDs, up to 30m (98ft) infrared night vision with automatic IR CUT filter
Lens	2.7 – 13.5mm optical varifocal lens, 96° to 26° field of view
Image Enhancement and OSD features	Day / Night IR-CUT (ICR), WDR, ATR, 2D/3D-NR, AWB, 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, 400mA, Power Supply included
Operating Temperature	-30° C ~ +60° C
Humidity	RH 95% Max (no condensation)
Dimensions	122 (Ø) x 89 (H)mm
Weight	450g
Camera Type	HDCVI 1080p ULTRA Range (FHAC)

## Scope of Delivery

CCTV camera DCG2010HD  
Fittings  
Power adapter 12V DC  
Instructions