



**2.0**  
MegaPixel

**HD**  
1080p

**2.8mm**  
WIDE ANGLE  
LENS

  
**IP67**

**HDCVI**  
**HDTVI**  
**AHD**  
Analogue High Definition

# DCW2016HD FULL HD 2 MEGA PIXEL DOME CAMERA

ITEM NUMBER: 0662016WHD

FULL HD CCTV dome camera 1080p  
2 Mega Pixel Video Sensor, 2.8mm wide lens,  
HD-CVI/HD-TVI/AHD, Ultra-Low Light, up 50m  
(164ft) night vision – F4N1

## Key Features

Compact dome style camera  
4 in 1 Video Standards  
HD-CVI, HD-TVI, AHD and  
CVBS\* supported  
1/2.8" High Performance CMOS  
2 Megapixel Video Board  
1080p full HD resolution  
2.8mm wide lens  
1 Array Infrared LED for up to  
50m (164ft) night vision  
3 Axis design

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## Description

CCTV colour compact dome style camera, 2 Mega Pixel 1080p full HD resolution, ultra-low light, 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
- High Performance 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:

- Fixed optical lens with 2.8mm focal length with a diagonal field of view of approx. 106°.

Night Vision:

- 1 Array infrared LED is activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) to a distance of up to 50m (164ft).
- Integrated automatic IR CUT filter provides a sharp image with realistic colours during daytime operation.
- Smart IR technology

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
- AGC, automatic gain control, for high definition pictures in low light environments
- AWB, automatic white balance for true colour
- DWDR (Wide Dynamic Range), ensuring excellent picture quality under any lighting
- BLC, Backlight Compensation and HLC, Highlight Compensation
- Smart IR, optimal exposure under infrared night

and many more.

Video Connection:

- via standard BNC connector for HDCVI, HDTVI, AHD and analogue CVBS – switchable via DVR menu (HD mode only) or UTC controller PFM820 (069UTC2)

Housing and IP rating:

- Solid housing made of aluminium
- weatherproof according to IP67 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	1/2.8" 2 Megapixel High Performance CMOS
Resolution	HD 1080p (1920x1080) at 25 fps, 720p at 25/50fps, analogue CVBS for testing purposes
Video Output	1x BNC for HDCVI, HDTVI, AHD, CVBS - switchable
Minimum Illumination	0,005 lux F1.6 (colour, IR off), 0 Lux (IR on)
Night vision	1 Array LED, max. 50m (164ft) infrared night vision with automatic IR CUT filter, Smart IR
Lens	2.8mm optical wide lens, 106° field of view
Image Enhancement and OSD features	Day / Night IR-CUT (ICR), AGC, 2D-NR, AWB, BLC, HLC, DWDR, Sense-Up
OSD Menu	Accessible via DVR menu (in HD mode)
Weatherproof and Dustproof rating	IP67 for outdoor and indoor use
Housing	solid metal housing made of aluminium, colour: white
Power Supply	DC 12V, 395mA, Power Supply included
Operating Temperature	-40° C ~ +60° C
Humidity	RH 90% Max (no condensation)
Dimensions	93.7 (H) x 106 (Ø) mm
Weight	440g
Camera Type	4 in 1 1080p ECO Range (F4N1)

## Scope of Delivery

CCTV camera Safire DCW2016HD

Fittings

Power adapter 12V DC

Instructions

\*CVBS output (analogue) for testing purposes only