DCWM127HD 2.43MPIX FULL HD MOTORISED VARIFOCAL LENS DOME CAMERA

ITEM NUMBER: 066VT127WMHD
MODEL: DM957VFZIB-FHAC

2.43MPix HD eyeball dome style colour camera, with motorized varifocal lens, weatherproof, full HD 1080p, night vision, Sony Exmor, HDCVI FZ-FHAC

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Key Features

HDCVI Compact colour Camera
1/2.8" Sony© Exmor (model IMX122)
2.43 Megapixel Video Board
1080p (25fps) full HD resolution
2.8 to 12mm motorised autofocus varifocal lens
3 Array Infrared LEDs for up to 40m (131ft) night vision
OSD operated via DVR menu
Extra CVBS standard analogue video output

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Description

HDCVI 1080p full HD compact camera in eyeball dome 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 1080p full HD resolution.
The 1/2.8" Sony© 2.43 Megapixel Exmor (IMX122 model) video sensor together with the DSP (EN773E model) chipset provides a resolution of full HD in 1080p at 25fps (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.
3 array infrared LEDs are activated automatically in low light conditions, providing a sharp image at 0lux (total darkness) to a maximum distance of 40m (131ft).

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

- WDR (Wide Dynamic Range), 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
- 2 & 3-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 nigh time under infrared light
- Privacy masks with 16 zones
- Motion detection

Video connection via standard BNC connector (HDCVI) in full HD and in addition the camera has a standard 960H analogue BNC (CVBS) output, e.g. for testing purposes, offering an analogue resolution of 700TVL (motor zoom operation and OSD access via DVR only via HDCVI connection).

Weatherproof housing according to IP66 specifications, can be used outdoors and indoors. Easy wall or ceiling installation due to 3 Axis support.

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

Scope of Delivery

HDCVI camera DCWM127HD
Fittings
Alan Key
Power adapter 12V DC
Manual

Technical Specifications

Image Sensor	1/2.8" Sony© 2.43 Megapixel Exmor (IMX122 model)
DSP	EN773E
Resolution	Full HD 1080p (1920x1080 pixels) at 25 fps HD 720p (1280x720 pixels) at 50 fps, second BNC output for 960H 700TVL resolution
Video Output	1x BNC for HDCVI, 1x BNC for CVBS PAL (960H)
Transmission Distance	Up to 300m in full HD 1080p via co-axial cable 75-3
Minimum Illumination	0 Lux (IR on)
Night vision	3 Array IR LEDs for up to 40m (131ft) 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, 2 & 3-DNR, HLC, BLC, AWB, AGC, Mask, MD
OSD Operation	Via DVR menu (e.g. with all of our Dahua X-Security HDCVI DVRs)
Electronic Shutter	1/25s~1/60,000s
Housing	Solid Metal Housing, housing colour: white
Weatherproof and Dustproof rating	IP66 for outdoor and indoor use
Power Supply	DC 12V, 450mA max, Power Supply included
Operating Temperature	-10º C ~ +50º C
Dimensions	85(H) x 120 (Ø) mm
Weight	630g
Camera Type	HDCVI ULTRA Range (FZ-FHAC)