

## **BWNC-842DFIF**

4K/Ultra HD 360°Fisheye-camera 1,98 mm lens, IR-LED, PoE

#### PRODUCT DESCRIPTION

#### Application:

BWNC-842DFIF is a 360° fisheye camera which can be used for for many different applications, indoors as well as outdoors. Thanks to the integrated IR LEDs with up to 10m range, surveillance at night or under poor light conditions are not a problem. The dome camera is vandal-proof according to IK10 classification. BWNC-842DFIF supports Ultra HD/4K at max. 12 megapixel resolutio (4000x3000 pixels). This camera has manifold functions and adjustment options such as 3x streaming, 360° panorama view, region-of-interest (ROI), privacy zones and many more. A special camera feature is the so-called extended Intelligent Video Analysis (IVA+). It comprises the well-known functions such as virtual tripwire, area monitoring etc. but also special functions liek "heatmap", "people counting" and SmartTrack with a connected SANTEC speed-dome camera. Using a SD card you can store and export data.

## ► Technical specifications:

Type	12MP UHD Fisheye
Decoding / Video / Lens	>>>>DECODING/VIDEO/LENS<
Sensor type	1/1.7" Progressive Scan CMOS
Max. Picture resolution (pixel)	12 MP (4000x3000 pixel)
Video codec	H.264M/B/H, H.264, H.264+, MJPEG, H.265, H.265+
Max. frame rate (fps)	25 fps at 12 MP, 25/30 fps at 3 MP
Number of video streams	3 (individually adjustable)
Lens mount	Intern
S/N ratio (dB)	< 50dB
Iris control	Automatic
Lens type	360° panorama lens, Fixlens
Focal length	1,85 / F2.0

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## Technical specifications:

Angle of view (horizontal) 180° / 180° / 180°

Sensitivity (Lux) 0.01 (color) / 0.0 (IR on)

IR cut filter ICR-IR-Cut filter

DETECT-OBSERVE-RECOGNIZ >DETECT-OBSERVE-RECOGNIZE-IDENTIFY<

**E-IDENTIFY** 

DORI max. 36m - 14m - 7m - 4m

(Detect-Observe-Recognize-Ident

ify)

Features >>>>>FEATURES<

Day/night mode adjustment Auto / color / B/W

Automatic gain control (AGC) Yes
Digital noise reduction (DNR) 3DNR

Shutter (sec.) 1/3 - 1/10000

White balance Auto, manually and others
Backlight compensation BLC, HLC, 100dB WDR

Wide dynamic range (WDR) Yes, 100dB

Digital zoom Yes
Mirroring (vertical) Yes

Privacy zones Yes, 4 zones

Region of Interest (ROI) Yes

Video analysis >>>>> Video analytics <<< <<

IVA via ONVIF Motion Yes
Intelligent Video Analysis (IVA) Yes
Tripwire (IVA) Yes
Intrusion (IVA) Yes
People counting (IVA+) No
People in Area Yes
Queue Management Ja

Tampering Alarm Yes
Scene change (tampering)
Yes

IVA Missing / Added No
Audio detect (IVA) Yes
Face detect (IVA) No

Camera title Yes

Interface >>>>>INTERFACE<</>Video output 1x Video test port (1.0 Vpp, 75 Ohm)

Audio support Two-way
Audio in-/outputs 1 / 1

Audio codec G.711a / G.711Mu / PCM

Alarm contacts I/O 2 / 2 -> Input: 5mA/5VDC / Output: 1A/30VDC

RS-485 interface No

Internal memory Micro SD (optional), max. 128 GB

Network >>>>>NETWORK<

Ethernet standards 10/100 Base-T

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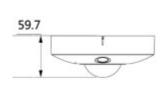
# ► Technical specifications:

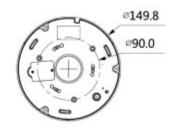
Ethernet connector	RJ-45
PoE standard	IEEE802.3at / IEEE802.3af
Remote	>>>>>PEMOTE<
Alarm management	HTTP, FTP, SMTP
Schedule	Yes
Management software support	Many VMS
Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, UDP, UPNP, BONJOUR, DHCP, FTP, SMTP, RTSP
Supported software standards	ONVIF, PSIA, CGI
Supported browser	Internet Explorer 11, Chrome, Firefox, and more
General	>>>>>GENERAL<
Classification	IP-66, IK10
Vandal-proof	Yes, acc. to IK10
Camera mounting	Screw mounting
Housing colour	White / black
Housing material	Aluminium
IR distance (m. ca.)	Max 10m
Voltage	12 V DC / PoE
Max. Power consumption (watt)	Regulary: 6.2W, max. 9.2W(DC), 12.9W(PoE)
Operating temperature (°C)	-30 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions ØxH (mm)	150 x 60
Weight	0,77 kg
Identifier	CE, RoHS
Items included in delivery	Quick install guide, manual on CD, mounting plate

## Note:

A SD card are not included in the delivery. The range of the built-in IR-LEDs strongly depend on the location and the surroundings. Strongly absorbent surfaces, e.g. dark, rough structures (floor, lawn or asphalt) may lead to a considerable reduction of the maximum range.

## ▶ Weitere Bilder:







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# **SANTEC IP FISHEYE CAMERA**

BWNC-842DFIF

## ► Recommended Accessories

SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug
SNCA-WM-4645	Wall bracket for IP cameras
SNCA-CMT-4852	Ceiling Mount for SANTEC IP Speed-Dome
SNCA-MK-4536	Adapter/junction box for: Please see accessory selection
SNCA-CM-4670	Corner Mount Adapter for see recommended accessories
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-MK-4630	Adapter / Junction box for Suitable for: see recommended accessories
16925	Remote online support price per one hour support

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