



BWNC-442FEIF

4MP IP ball eye camera with IR and 2.8mm lens
AI Analyse, H.265(+), LowLight, 120dB TrueWDR, PoE

PRODUCT DESCRIPTION

► Application:

The cameras of the BWNC-442 series have weatherproof housings with integrated IR illuminator, H.265(+) encoders, which almost halve the required bandwidth at the same bandwidth at the same image quality and many other features. Thanks to integrated AI video analysis functions, the camera can be universally used for surveillance tasks, in areas such as retail, object surveillance, production monitoring, etc. The AI algorithms allow to distinguish between people and vehicles when an alarm is triggered, and to minimize false alarms caused by animals/rain/leaves/wind/etc. The powerful hardware has been further improved compared to the previous model with a new image sensor. a new image sensor for even more brilliant colors and higher contrasts, a fast fast DSP and the new AI functions.

► Technical specifications:

Type	IP day/night IR dome camera
Decoding / Video / Lens	>>>>DECODING/VIDEO/LENS<<<<<
Sensor type	1/3" Progressive Scan CMOS
Effective pixel	2688(H) x 1520(V)
Max. Picture resolution (pixel)	4MP(2688x1520)/2MP(1920x1080) / 1MP(1280x720)
Video codec	H.264, H.264+, H.265, H.265+, MJPEG(Substream)
Streaming Method	Unicast / Multicast
Max frame rate mainstream	25/30fps at 4MP
Max frame rate 1.sub stream	25 fps at D1
Max frame rate 2.sub stream	25 fps at 720P
Bit Rate Control	CBR / VBR
Bit Rate per channel	H.264: 24-10240Kbps ; H.265: 14-9984Kbps
Number of video streams	3 (individually adjustable)

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► **Technical specifications:**

Lens mount	Intern
Lens type	Fixlens
Focal length	2,8mm
Optical zoom	-
Angle of view (horizontal)	103°
Angle of view (vertical)	55°
Sensitivity (Lux)	0,005 Lux, F1.6 (color)
Sensitivity (Lux)	0 Lux, F1.6 (IR on)
S/N ratio (dB)	>50 dB
IR cut filter	ICR-IR-Cut filter
Shutter (sec.)	1/3 - 1/10000
DETECT-OBSERVE-RECOGNIZ	>DETECT-OBSERVE-RECOGNIZE-IDENTIFY< E-IDENTIFY
DORI max. (Detect-Observe-Recognize-Identify)	57m - 23m - 11m - 6m
Features	>>>>>>>FEATURES<<<<<<<<<
Digital zoom	16x
Day/night mode adjustment	Auto (ICR) / color / B/W
Automatic gain control (AGC)	AGC, manual
Digital noise reduction (DNR)	2NR / 3DNR
White balance	Auto/Natural/Street Lamp/Outdoor/Manual
Backlight compensation	BLC, HLC, TrueWDR(120dB)
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Camera title	Yes
Privacy zones	Yes, 4 zones
Region of Interest (ROI)	Yes, 4 zones
ANR (automatic network reproduction)	Yes (for records)
Video analysis	>>>>>>>Videoanalytics<<<<<<<<
Motion detection	Yes, 4 areas
Tampering Alarm	Yes
Scene change (tampering)	Yes
IVA via ONVIF Motion	Yes
Tripwire (IVA)	Yes
Intrusion (IVA)	Yes
AI Analytics	Car, Human
Interface	>>>>>>>INTERFACE<<<<<<<<
Audio in-/outputs	Build in Microphone
Audio codec	-
Alarm contacts I/O	0 / 0
Relay type (output)	-

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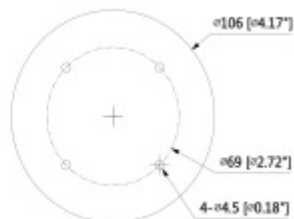
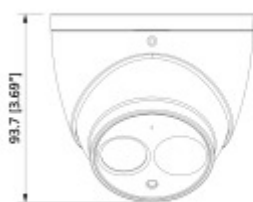
► Technical specifications:

Items included in delivery	Mounting drawing paper, LAN cable water prot.
Specials	H.265,AI IVA, TrueWDR(120dB)

► Note:

Eine SD-Karte ist nicht im Lieferumfang enthalten. Die Reichweite der IR- Strahler ist stark abhängig vom Einsatzort und von der Umgebung. Stark absorbierende Flächen, wie z.B. dunkle raue Strukturen (Boden, Rasen, Asphalt) können zu einer deutlichen Verringerung der maximalen Reichweite führen.

► Weitere Bilder:



► Recommended Accessories

SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug
SANSWITCH-10430	4-Port ePoE Switch For transmission over 800m
SNCA-WM-204W	Wall bracket for SNC-431FEIF, SNC-431FDIF
SNCA-MK-4534	Adapter/Junction box suitable for: Please see accessory selection
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-MK-4531-E	Water proof junction box for cameras IP66

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