



BWNC-442FDIF

IP dome camera with IR, 2.8mm lens H.265(+), LowLight, 120dB TrueWDR, PoE, Alfunction

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 surveillance tasks, in areas such as retail, object surveillance, production monitoring, etc. The Al 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 Al 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)

BURG-GUARD GmbH Wormgermühle, 58540 Meinerzhagen, Germany

Tel.: +49 2358 905 490, Fax: +49 2358 905 499 BURG-GUARD@burg.biz, www.burg-guard.com



► 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 E-IDENTIFY	>DETECT-OBSERVE-RECOGNIZE-IDENTIFY<
DORI max.	57m - 23m - 11m - 6m
(Detect-Observe-Recognize-Ident ify)	
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
Al Analytics	Car, Human
Interface	>>>>>INTERFACE<
Audio in-/outputs	-
Audio inputs	Microphone
Audio codec	
Alarm contacts I/O	0/0
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Our products undergo constant development. Please refer to the price list for our most up-to-date product program. Errors and omissions excluded. No responsibility accepted for accuracy of

Technical specifications:

Relay type (output) -

SD-card slot Yes, max. 256GB (optional)

Network >>>>>NETWORK<

Ethernet connector RJ-45

Ethernet standards 10/100Base-T Ethernet speed 10 / 100 Mbit PoE standard IEEE 802.3af

POE CLass 0 ePoE / Long-Range-PoE No

Remote >>>>> REMOTE <<<

Max number of users 10

Alarm management HTTP, FTP, SMTP, ONVIF, NAS(NFS)

Schedule Yes

Management software support Many VMS

Supported browser Internet Explorer 11, Chrome, Firefox, (Safari)

P2P support Yes

Cloud service Yes, BURG-WÄCHTER cloud

Smartphone App BurgCam App

Push-Notification Yes, BURGcam PRO App Security features HTTPS, SSH, IP Filter

Supported protocols HTTP,HTTPS,FTP,TCP,UDP, DHCP, SSH,NTP,ONVIF...

Supported software standards ONVIF, PSIA, CGI
ONVIF version/profile ONVIF Profile S&G&T

Edge Recording NAS(NFS), locall PC, micro SD card,FTP Seneral >>>>>>GENERAL

Classification IP-67

Vandal-proof Yes, acc. to IK10

Installation Wall mount, ceiling mount and pole mount

Camera mounting Screw mounting

Housing colour White
Housing material Aluminium
Integrated IR-LEDs Yes
Wavelength LED 850 nm

IR distance (m. ca.) 30
Smart IR Yes

Voltage 12 VDC (+/-25%), PoE

Max. Power consumption (watt) 5,7 (IR on)
Operating temperature (°C) -30 to +60
Storage temperature (°C) 0 to +60

Rel. humidity (%) Max. 95, non-condensing

Dimensions ØxH (mm) 55 x 109
Weight 0,38 kg
Identifier CE

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► Technical specifications:

Items included in delivery Specials

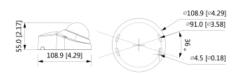
Mounting drawing paper, LAN cable water prot. H.265,AI IVA, TrueWDR(120dB)

Note:

SD card is not included.

▶ Weitere Bilder:





Alle Angaben in mm [inch]. Irrtum und technische Änderungen vorbehalten All dimensions are in mm [inch]. Errors and omissions excluded





▶ Recommended Accessories

SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug
SNCA-WM-204W	Wall bracket for SNC-431FEIF, SNC-431FDIF
SNCA-MK-4533	Adapter/Junction box Suitable for: Please see accessory selection
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm

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