

Bullet Camera NVDN-421H/IRH-2

400
SERIES



KEY FEATURES

960H



- D/N function - IR cut filter
- Resolution up to 700 TVL
- Lens: varifocal, $f=2.8 \sim 12$ mm/F1.2
- IR LED, range up to 30 m
- Smart IR function
- Convenient lens adjustment
- Min. Illumination from 0.001 lx (0 lx, IR on)

DIMENSIONS



IMAGE

Image Sensor	CCD sensor 1/3" SONY Super HAD II
Number of Effective Pixels	976 (H) x 582 (V)
Horizontal Resolution	650 TVL - color mode, 700 TVL - B/W mode
Min. Illumination	0.01 lx/F1.2 - color mode • 0.001 lx/F1.2 - B/W mode • 0 lx (IR on) - B/W mode
S/N Ratio	> 52 dB (AGC off)
Electronic Shutter	auto/manual: 1/50 s ~ 1/100000 s
High Light Compensation (HLC)	yes
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D
Defog Function (F-DNR)	no

LENS

Lens Type	varifocal, $f=2.8 \sim 12$ mm/F1.2
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DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual
Switching Level Adjustment	yes
Switching Delay	0 ~ 255 s
Visible Light Sensor	yes

OTHER FUNCTIONS

OSD	languages: English, Russian, others
Privacy Zones	4
Motion Detection	yes
Image Processing	sharpening, mirror effect

IR LED

LED Number	2
Range	30 m
Angle	90°

INTERFACES

Video Output	BNC, 1.0 Vp-p, 75 Ohm
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INSTALLATION PARAMETERS

Dimensions (mm)	with bracket: 107 (W) x 111 (H) x 255 (L)
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**Bullet Camera
NVDN-421H/IRH-2**

Weight	0.996 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included
Power Supply	12 VDC, 24 VAC
Power Consumption	1 W • 7 W (IR illuminator on) • 8.2 W (heater on) • 14.2 W (IR and heater on)
Operating Temperature	-30°C ~ 50°C
Built-in Heater/Fan	yes/no