

## Bullet AHD Camera with Motor-zoom Lens

### NVAHD-2DN5202H/IR-1

**5000**  
AHD SERIES



#### KEY FEATURES



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- D/N function - IR cut filter
- resolution 1080p
- Lens: motorized varifocal, AF function,  $f=2.8 \sim 12$  mm/F1.2
- optional UTC remote controller
- zoom control via coaxial cable
- Min. Illumination from 0.0001 lx (0 lx, IR on)
- IR LED, range up to 35 m

#### DIMENSIONS



#### IMAGE

|                               |                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                  | CMOS sensor 1/2.9" SONY                                                                                                                           |
| Operating mode                | AHD 1080p, AHD 720p, analog 960H                                                                                                                  |
| Number of Effective Pixels    | 1920 (H) x 1080 (V)                                                                                                                               |
| Resolution                    | 1080p                                                                                                                                             |
| Min. Illumination             | 0.5 lx/F1.2 - color mode • 0.01 lx/F1.2 - B/W mode • 0.001 lx/F1.2 - color mode (DSS) • 0.0001 lx/F1.2 - B/W mode (DSS) • 0 lx (IR on) - B/W mode |
| S/N Ratio                     | > 52 dB (AGC off)                                                                                                                                 |
| Electronic Shutter            | auto/manual: 1/25 s ~ 1/50000 s (AHD), , 1/50 s ~ 1/50000 s (analog 960H)                                                                         |
| Digital Slow Shutter (DSS)    | up to 30x                                                                                                                                         |
| High Light Compensation (HLC) | yes                                                                                                                                               |
| Wide Dynamic Range (WDR)      | yes                                                                                                                                               |
| Digital Noise Reduction (DNR) | 2D, 3D                                                                                                                                            |
| Defog Function (F-DNR)        | yes                                                                                                                                               |

#### LENS

|            |                                                                  |
|------------|------------------------------------------------------------------|
| Lens Type  | motorized, $f=2.8 \sim 12$ mm/F1.2                               |
| Auto-focus | continuous, zoom trigger, day/night mode trigger, manual trigger |

#### DAY/NIGHT

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Mode                       | day/night switching: mechanical IR cut filter |
| Switching Mode             | auto, manual                                  |
| Switching Level Adjustment | yes                                           |
| Switching Delay            | 0 ~ 60 s                                      |
| Visible Light Sensor       | yes                                           |

#### OTHER FUNCTIONS

|                  |                                                |
|------------------|------------------------------------------------|
| OSD              | languages: Polish, English, Russian, others    |
| Privacy Zones    | 4                                              |
| Motion Detection | yes                                            |
| Image Processing | 180° image rotation, sharpening, mirror effect |
| Remote control   | Yes (optional UTC remote control)*             |

#### IR LED

|            |      |
|------------|------|
| LED Number | 8    |
| Range      | 35 m |
| Angle      | 120° |

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### INTERFACES

|              |                       |
|--------------|-----------------------|
| Video Output | BNC, 1.0 Vp-p, 75 Ohm |
|--------------|-----------------------|

### INSTALLATION PARAMETERS

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| Dimensions (mm)       | with bracket: 88 (W) x 88 (H) x 220 (L)                                  |
| Weight                | 0.53 kg                                                                  |
| Degree of Protection  | IP 66 (details in the user's manual)                                     |
| Enclosure             | aluminium, ivory, fully cable managed wall mount bracket in-set included |
| Power Supply          | 12 VDC                                                                   |
| Power Consumption     | 1 W • 3.3 W (IR illuminator on)                                          |
| Operating Temperature | -30°C ~ 40°C                                                             |

*\* Note: UTC functionality available on cameras with serial numbers starting from: 150611xxxx  
Remote controller type: NV-RCUTC-35HD*