



## Bullet AHD Camera

NVAHD-1DN3101H/IR-1



### FUNCTIONS



### KEY FEATURES

- D/N function - IR cut filter
- resolution 720p
- Lens: fixed focal, f=3.6 mm/F1.2
- optional UTC remote controller
- Min. Illumination from 0.001 lx (0 lx, IR on)
- IR LED, range up to 15 m

### DIMENSIONS



| Image                         |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| Image Sensor                  | CMOS sensor 1/4" APTINA                                                            |
| Operating mode                | AHD 720p, analog 960H*                                                             |
| Number of Effective Pixels    | 1280 (H) x 800 (V)                                                                 |
| Resolution                    | 720p                                                                               |
| Min. Illumination             | 0.03 lx/F1.2 - color mode,<br>0.001 lx/F1.2 - B/W mode,<br>0 lx (IR on) - B/W mode |
| S/N Ratio                     | > 60 dB (AGC off)                                                                  |
| Electronic Shutter            | auto: 1/50 s ~ 1/100000 s                                                          |
| Digital Slow Shutter (DSS)    | up to 30x *                                                                        |
| High Light Compensation (HLC) | yes                                                                                |
| High Light Compensation (HLC) | *                                                                                  |
| Wide Dynamic Range (WDR)      | yes *                                                                              |
| Digital Noise Reduction (DNR) | 2D, 3D *                                                                           |
| Defog Function (F-DNR)        | yes *                                                                              |
| Lens                          |                                                                                    |
| Lens Type                     | fixed focal, f=3.6 mm/F1.2                                                         |
| Day/Night                     |                                                                                    |
| Switching Type                | 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                                                                                |
| Motion Detection              | *                                                                                  |
| Image Processing              | 180° image rotation, sharpening, mirror effect *                                   |
| Remote control                | Yes (optional UTC remote control)*                                                 |
| IR LED                        |                                                                                    |
| LED Number                    | 36                                                                                 |
| Range                         | 15 m                                                                               |
| Angle                         | 90°                                                                                |
| Interfaces                    |                                                                                    |
| Video Output                  | BNC, 1.0 Vp-p, 75 Ohm                                                              |
| Installation parameters       |                                                                                    |
| Dimensions (mm)               | with bracket: 90 (W) x 70 (H) x 192 (L)                                            |
| Weight                        | 0.44 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             | 0.9 W,<br>3.3 W (IR illuminator on)                                                |
| Operating Temperature         | -20°C ~ 50°C                                                                       |

\* Functions available only with an optional remote control NV-RCUTC-35HD.  
Note: UTC functionality available on cameras with serial numbers starting from: 2015082041