



Speed Dome AHD Camera

NVAHD-1DN3102SD/IR-1



FUNCTIONS



KEY FEATURES

- D/N function - IR cut filter
- resolution 720p
- Lens: motorized varifocal, AF function, optical zoom 10x, f=5 ~ 50 mm/F1.2
- Min. Illumination from 0.01 lx
- IR LED, range up to 60 m (depends on actual value of optical zoom)

DIMENSIONS



Image	
Image Sensor	CMOS sensor 1/3" SONY
Operating mode	AHD 720p, analog 960H
Number of Effective Pixels	1280 (H) x 720 (V)
Resolution	720p
Min. Illumination	0.1 lx/F1.2 - color mode, 0.01 lx/F1.2 - B/W mode, 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1/30 s ~ 1/30000 s
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Lens	
Optical Zoom	10x
Lens Type	motorized, f=5 ~ 50 mm/F1.2
Auto-focus	continuous, zoom trigger
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual
Visible Light Sensor	yes
PTZ	
Preset Commands	220
Tours	8 (up to 32 presets per tour)
Auto-Scans	1
Patterns	4 (max. 100 commands for each pattern)
Tilt/Pan Range	0° ~ 90°/360° (continuous)
Pan/Tilt Speed	up to 200°/s (proportional to zoom)
Protocols	N-Control, Pelco-D, Pelco-P
Other functions	
OSD	languages: English
Real-time Clock	yes
Image Processing	180° image rotation, mirror effect
IR LED	
LED Number	6
Range	up to 60 m (depends on current optical zoom value)
Angle	up to 90° (depends on current optical zoom value)
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm
Installation parameters	
Dimensions (mm)	136 (Ø) x 199 (H) with bracket: 136 (W) x 199 (H) x 218 (L)
Weight	with bracket: 1.7 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, ivory, In set: wall mount bracket
Power Supply	12 VDC
Power Consumption	20 W (IR and heater on)
Operating Temperature	-20°C ~ 60°C
Built-in Heater/Fan	yes/no