

## CAMA-III Speed Dome Camera NVC-ISD322DN



### CAMA-III *series*

#### Features

- Day/Night PTZ cameras
- Mechanical IR cut filter
- IR operation capability
- Horizontal resolution: up to 620 TVL
- Min. Illumination: from 0.0008 lx/F=1.6 (DSS)
- Motor-zoom lens, AI and AF function: f=3.9 ~ 85.8 mm (F1.6 ~ F4.5)
- Wide Dynamic Range (WDR) for enhanced image quality in diverse light conditions
- Digital Slow Shutter (DSS)
- Digital Image Stabilization (DIS)
- 8 tours
- 17 auto-scan functions
- 8 patterns (max. 500 s)
- 240 preset commands
- Advanced image analysis functions:
  - Object auto tracking
  - Motion detection
  - Object appearance detection
  - Object disappearance detection
  - Line cross detection
  - Zone entrance detection
- Individual automatic exposure settings for each preset
- Privacy zones: 8
- Optical zoom: up to 22x and digital zoom: up to 16x
- 8 sensor inputs and 4 relay outputs (NO/NC) - activation of patterns, tours, presets and auto-scans
- 80 function schedules (presets, tours, auto-scan, patterns, calibration)
- Event history log
- "Home" function
- "Auto-Flip" function allows the tilt to rotate 180° and reposition itself for continuous viewing of a moving object directly beneath the dome
- Auto-calibration of cameras coordinate system
- Full configuration (password protected) user friendly graphical multilingual OSD:
  - from the NV-KBD70 & NV-KBD40 keyboards,
  - from NOVUS® video capture cards,
  - directly from the front panel of selected NOVUS® DVRs
- PTZ control directly from NOVUS® DVRs, NOVUS® video capture cards and NV-KBD70 & NV-KBD40 keyboards
- Remote control: RS-422/RS-485
- Protocols: N-Control, Novus-C, Novus-C1, Pelco-P, Pelco-D (automatic protocol detection)
- Pan and tilt speed adjustable (3 modes)
- Installation:
  - directly on the ceiling without an additional housing,
  - in-ceiling mount using NVH-SDHKIT adapter,
  - wall/in-ceiling mount using NVH-SD10I indoor housing or NVH-SD40EH-C/S outdoor housing with NVB-SD40WB, NVB-SD40CB, NVB-SD40PWB/230 brackets

Specifications	Description
Pick-up Element	1/4" SONY ExView HAD CCD
Number of effective pixels	752 (H) x 582 (V)
Horizontal Resolution	580 TVL - color mode, 620 TVL - B/W mode
Min. Illumination	0.8 lx/F=1.6 - color mode (1/50 s), 0.06 lx/F=1.6 - color mode, DSS (1/3 s), 0.009 lx/F=1.6 - B/W mode, DSS (1/3 s), 0.0008 lx/F=1.6 - B/W mode, DSS (1 s)
S/N Ratio	More than 50 dB (AGC Off)
Electronic Shutter	Auto (AES): 1 s ~ 1/10 000 s/Manual
Digital Slow Shutter (DSS)	1/25 s ~ 1 s
Auto Gain Control (AGC)	On
Wide Dynamic Range (WDR)	On/Off
White Balance	5 modes
Back Light Compensation (BLC)	On/Off
Synchronization	Internal
Day/Night Switching	Auto/Manual/Time
Lens Type	Motor-zoom lens, AI and AF function: f=3.9 ~ 85.8 mm (F1.6 ~ F3.6)
Angle of View (H)	49.5° ~ 2.4°
Zoom	Optical 22x, Digital 16x
Video Output	1.0 Vp-p/75 Ohm (BNC)
Alarm Input	8 sensor inputs (NO/NC)
Alarm Output	4 relay outputs programmable
Remote Control	RS-422/RS-485
Protocol	N-Control, Novus-C, Novus-C1, Pelco-P, Pelco-D (auto detection)
Set-up	Multi-lingual Graphic On Screen Display (OSD)
Preset Commands	240 positions
Tours	8 (maks. 42 functions each)
Auto-Scans	17
Patterns	8 (max. 500 s)
Privacy Zones	8
Event History Log	Up to 256 events
Tilt Range	-10° ~ 90°
Pan Range	360° (continuous)
Pan/Tilt Speed	0.1°/s ~ 380°/s (in Novus-C & N-Control protocols)
Image Analysis Functions	Auto Tracking, Motion detection, Object appearance detection, Object disappearance detection, Line cross detection, Zone entrance detection
Preset speed	Max. 380°/s
Power Supply	24 VAC
Power Consumption	20 W
Operating Temperature	0°C ~ 50°C
Dimensions (mm)	125 (Ø) x 180 (H)
Weight	1.2 kg