

## CAMA-III mini Speed Dome Camera NVC-MSD322DN/O



### CAMA-III mini series

#### Features

- Integrated Day/Night mini speed dome camera in a vandal proof housing
- Mechanical IR cut filter
- IR operation capability
- Horizontal resolution: up to 620 TVL
- Min. Illumination: from 0.001 lx/F=1.6 (DSS)
- Motor-zoom lens, AI and AF function: f=3.9 ~ 85.8 mm
- Wide Dynamic Range (WDR) for enhanced image quality in diverse light conditions
- Digital Slow Shutter (DSS)
- 4 tours
- 4 auto-scan and 1 auto-pan functions
- 4 patterns (max. 200 s)
- 120 preset commands
- Motion detection function for presets
- Privacy zones: 4
- Total zoom: 352x (Optical: 22x/Digital: 16x)
- 360° continuous rotation
- 1 sensor input and 1 output (NO/NC) - activation of tours, presets and auto-scans
- "Home" function
- "Auto-Flip" function allows to rotate 180° the picture for continuous viewing of a moving object directly beneath the dome
- Various picture effects
- Full configuration (password protected user friendly 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 the front panel of NOVUS® DVRs, NOVUS® video capture cards, NV-KBD70 & NV-KBD40 keyboards
- Remote control: RS-485
- Protocols: N-Control, Novus-C1, Pelco-P, Pelco-D
- Built-in heater
- IP 66
- Vandal proof housing
- Installation:
  - wall mount using the following brackets: NVB-SD40WB or NVB-SD40PWB/230
  - ceiling mount using the following bracket: NVB-SD40CB
- Acrylic bubble included
- Power supply: 24 VAC

Specifications	Description
Pick-up Element	1/4" SONY ExView HAD CCD imager
Number of effective pixels	752 (H) x 582 (V)

Specifications	Description
Horizontal Resolution	580 TVL - color mode, 620 TVL - B/W mode
Min. Illumination	0.5 lx/F=1.6 - color mode (1/50 s), 0.05 lx/F=1.6 - B/W mode (1/50 s), 0.001 lx/F=1.6 - B/W mode, DSS (1 s)
S/N Ratio	More than 50 dB (AGC Off)
Electronic Shutter	Auto (AES): 1/50 s ~ 1/100 000 s/Manual
Digital Slow Shutter (DSS)	On/Off
Auto Gain Control (AGC)	Minimum/Low/Medium high
Wide Dynamic Range (WDR)	On/Off
White Balance	5 modes: AWB/Manual/Indoor/Outdoor/AWB
Back Light Compensation (BLC)	On/Off
Synchronization	Internal/Line-lock with phase adjustment
Day/Night Switching	Auto/Manual/Global
Lens Type	Motor-zoom lens, AI and AF function: f = 3.9 ~ 85.8 mm (F=1.6 ~ F3.7)
Angle of View (H)	49.5° ~ 2.4°
Zoom	Optical 22x, Digital 16x
Video Output	1.0 Vp-p/75 Ohm (BNC)
Alarm Input	1 sensor input (NO/NC)
Alarm Output	1 output programmable
Remote Control	RS-485
Protocol	N-Control, Novus-C1, Pelco-P, Pelco-D
Set-up	On Screen Display (OSD)
Preset Commands	120 positions
Tours	4 tours (max. 42 presets each)
Auto-Scans	4 + 1 pan-scan
Patterns	4 (max.200s)
Privacy Zones	4
Tilt Range	0° ~ 180°
Pan Range	360° (continuous)
Pan/Tilt Speed	Max. 380°/s (auto mode), Max. 90°/s (manual mode)
Other Functions	"Auto-Flip" function, Motion detection, "Home" function, Flickerless function, Digital Noise Reduction (DNR), Image flip, Preset freeze, Image adjustment: resolution and sharpness
Enclosure	Weather & vandal proof, die-cast aluminium camera enclosure
Degree of Protection	IP 66
Power Supply	24 VAC
Power Consumption	45 W
Operating Temperature	-30°C ~ +50°C
Dimensions (mm)	186 (Ø) x 239 (H)
Weight	2.2 kg