

CAMA-II mini Series Speed Dome Camera NVC-MSD22DN



Features

- Integrated Day/Night mini speed dome camera in a vandal proof housing
- Mechanical IR cut filter
- IR operation capability
- Horizontal resolution: up to 570 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 functions
- 60 preset commands
- Total zoom: 242x (Optical: 22x/Digital: 11x)
- 360° continuous rotation
- 1 sensor input and 1 output (NO/NC) - activation of tours, presets and auto-scans
- "Auto-Flip" function allows the tilt to rotate 180° and reposition itself for continuous viewing of a moving object directly beneath the dome
- Various picture effects
- Full configuration (password protected user friendly OSD):
 - from the NV-KBD60 & NV-KBD40 keyboards
 - from the PC through an additional dedicated CamConfigurator application
 - from NOVUS® video capture cards
 - directly from the front panel of NOVUS® 5000 Series DVRs
- PTZ control directly from the front panel of NOVUS® DVRs, NOVUS® video capture cards, NV-KBD60 & NV-KBD40 keyboards and CamConfigurator application
- Remote control: RS-422/RS-485
- Protocols: N-Control, Novus-C1, Pelco-P, Pelco-D
- IP 66
- Vandal proof housing
- Installation:
 - directly on the surface
 - wall mount using NVB-CM22W bracket
 - in-ceiling mount using NVB-CM22C bracket
- Power supply: 12 VDC/24 VAC

Specifications	Description
Pick-up Element	1/4" SONY Super HAD CCD imager
Horizontal Resolution	480 TVL - color mode, 570 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 (1.2 s)
S/N Ratio	More than 50 dB (AGC Off)

Specifications	Description
Electronic Shutter	Auto (AES): 1/50 s ~ 1/10 000 s/Manual
Digital Slow Shutter (DSS)	1/25 ~ 1.2 s
Auto Gain Control (AGC)	On/Off
Wide Dynamic Range (WDR)	On/Off
White Balance	5 modes: AWB/Indoor/Outdoor/Manual/WAWB
Back Light Compensation (BLC)	On/Off
Synchronization	Internal/Line-lock with phase adjustment
Day/Night Switching	Auto/Manual
Lens Type	Motor-zoom lens, AI and AF function: f = 3.9 ~ 85.8 mm (F=1.6 ~ F32)
Angle of View (H)	49.5° ~ 2.4°
Zoom	Optical 22x, Digital 11x
Video Output	1.0 Vp-p/75 Ohm (BNC)
Alarm Input	1 sensor input (NO/NC)
Alarm Output	1 output programmable
Remote Control	RS-422/RS-485
Protocol	N-Control, Novus-C1, Pelco-P, Pelco-D
Set-up	On Screen Display (OSD)
Preset Commands	60 positions
Tours	4 tours (max. 16 presets each)
Auto-Scans	4 auto-scan patterns
Tilt Range	0° ~ 90°
Pan Range	360° (continuous)
Pan/Tilt Speed	Max. 375°/s
Other Functions	"Auto-Flip" function, "Home" function, Digital Noise Reduction (DNR), Flickerless function, Various picture effects: Nega/Posi, B/W, Mirror, PIP, Image adjustment: brightness and sharpness
Enclosure	Weather & vandal proof, die-cast aluminium camera enclosure
Degree of Protection	IP 66
Power Supply	12 VDC/24 VAC
Power Consumption	12 W
Operating Temperature	-10°C ~ 50°C
Dimensions (mm)	154 (Ø) x 130 (H)
Weight	1.3 kg