

Cascadia

Creating Remote Possibilities™

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HSDN251N

Auto Iris 3.8 ~ 95mm Zoom Lens Included

**High Resolution
25X Optical Auto Focus
Indoor - Outdoor Color by Day - B/W by Night
or Low Light Color High Speed
P/T/Z Camera w/ Presets**

Model	HSDN251N
Image Device	1/4" Sony Super HAD CCD
Effective Pixels	768 (H) x 494 (V) / 380K Pixels
Scanning System	NTSC / 525 Lines / 2:1 Interlace
Sync. System	Internal
Horizontal Resolution	470 TV Lines
Minimum Illumination	1.0 Lux Color (F 1.6 / 30 IRE) / 0.1 Lux B/W by Night / 0.01 Lux Low Light Color by Night with Digital Slow Shutter (DSS)
Electronic Shutter Speed	1/60 - 1/10,000 (28 Steps) / Flickerless / x2 ~ x128 (Digital Slow Shutter)
Signal to Noise Ratio (S/N)	More than 48dB (AGC Off)
Automatic Gain Control (AGC)	On / Off
White Balance	Auto Trace White Balance / Auto White Balance / Indoor / Outdoor / Manual White Balance
Back Light Compensation (BLC)	On / Off / Auto (5 Target Adjustable Areas)
Video Output	Composite (1.0Vp-p) / 75 Ω
Lens	Auto Iris 3.8mm ~ 95mm / 25X Optical Zoom Auto Focus F 1.6 (WIDE) ~ F 3.7 (TELE)
Digital Zoom	8x Digital / 2x ~ 8x Variable (26x ~ 200x)
Lens Angle of View	Horizontal: 47° (WIDE) / 3° (TELE)
On Screen Display (OSD)	Camera ID / Local ID Display
Camera Control	RS-422 / RS-485 / DVRT and PC Camera Control Software
Day and Night (ICR)	On / Off
Angular Travel	360° Continuous Rotation / Flip Function to Follow Objects
Presets / Guard Tours	240 Programmable Presets (16 Character Display) 8 Guard Tours (Preset / Pattern / Auto Scan / Tour Input)
User Programmable Patterns	4 Patterns / 120 sec Memory
Speeds	Pan/Tilt Speed: 0.5° ~ 90° / sec (According to Zoom Ratio) / Turbo Speed: 360° / sec Preset Speed: Maximum 380° / sec
Auxiliary Inputs	2 Relays / 24 VDC / 1Amp (Selectable NO / NC)
Alarm Inputs and Outputs	8 Alarm Inputs (Normal Open Dry Contact (NO / NC)) / 4 Relay Outputs
Power Requirements	22 ~ 30 VAC / 24 VAC / (Built-in Power-Line Surge Circuit)
Power Consumption	850mA @ 24 VAc
Connectors	Video Output: BNC / Power: 2-Pin Terminal Block
Operating Temperature	14° ~ 122° F
Storage Temperature	-4° ~ 158° F
Operating Humidity	90% RH (Non-Condensing)
Body Construction / Color	ABS - Steel - Acrylic / Black
Lens Mean Time Between Failure	(MTBF) 2 Million Cycles
Weight	Approx. 800g
Dimensions (WxH)	125mm x 204mm
Certification	CE / FCC
Optional Mounts	HSGN502F / HSGN502 / HSGN502SH

*Specifications subject to change without notice.



Two Year Warranty

(888) 421-0050 / www.cascadiadvrt.com