

## TECHNICAL DATA SHEET

# DN524I

Super High Resolution Ultra Low Light True Day/Night Camera



### KEY FEATURES

- 1/2" Sony EXVIEW CCD
- Super High Resolution
- Mechanical IR Cut-Filter
- Good Low Light Performance
- Digital Noise Reduction
- Sens Up
- Multi-Language On Screen Display (O.S.D.)
- OSD Remote Control via RS485
- Privacy Masking
- Motion Detection
- Dual Voltage

### ORDERING INFORMATION

DN524I 1/2" True Day/Night Camera

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### TECHNICAL SPECIFICATION

Model Number	DN5241
Image Sensor	Sony 1/2" EXVIEW CCD
Horizontal Resolution	540 TVL (Colour), 600 TVL (Mono)
Sensitivity (F1.2)	0.08 Lux (Day) 0.01 Lux (Night) 0.001 Lux (With Sens-up x32)
Scanning System	2:1 Interlace
Effective Pixels (H x V)	752 x 582 (440K Pixels)
Video Format	PAL
Synchronisation	Internal
Frequency	Horizontal: 15.625 KHz, Vertical: 50.00Hz
Shutter Speed	Auto / Manual 1/50 ~ 1/120,000 Seconds
Video Output	1.0Vp-p / 75Ω Video 0.714Vp-p Sync 0.286Vp-p
Auto Gain Control	+18dB Max.
Burst Level	0.286Vp-p
Back Light Compensation	ON / OFF
White Balance	ATW / AWC / MANUAL / (1,800°K~10500°K)
S/N Ratio	>50dB (AGC Off)
Sens-Up	OFF / AUTO (x 32)
O.S.D.	Yes, Built-In
Motion Detection	ON / OFF (4 Programmable Zones)
DNR	ON / OFF
Mirror	Built-In (Horizontal Image Inversion)
Privacy Function	ON / OFF (4 Programmable Zones)
Sharpness	ON / OFF
Day / Night	Colour / Auto / B&W
Iris Control	DC / Video
Communication	RS-485 (2400, 4800, 9600, 19200, 38400, 57600 bps selectable) (STW Protocol, Pelco-D Protocol available)
Lens Mount	C Mount
Power Consumption	350mA / 490mA
Power Supply	DC 12V / AC 24V
Operating Conditions	Temperature: -10° C ~ +50° C, Humidity: 30% ~ 80% RH
Dimensions (W x H x L)	65.8 x 60.6 x 101.9 mm
Weight	320g

Features and specifications are subject to change for further improvement without any notice