

Data Sheet

3D-DNR True Day/Night Dome Camera



GENERAL FEATURES

- 1/3" Sony Super HAD CCD
- ICR – IR Cut Filter Removable – Option
- 0.00001 Lux (Sens-up X258)
- Digital Wide Dynamic Range
- 3D DNR, Max. 70% of Disk Saving Effect with Superb DNR Effect
- Highest Resolution: Vivid Sharp Picture in Completely Darkness
- Adjustable Motion Detection Area, Privacy Mask Area
- Multi Language OSD Control Function
- X32 Digital Zoom
- 3-Axis Gimbal



3D-DNR OFF



3D-DNR ON



3D Filtering Method of Newly Advanced DNR Function

Newly developed 3D filtering enhances Digital Noise Reduction at low light levels. 3D Filtering of the video signal optimises the Signal to Noise ratio, giving vastly improved low light visibility and a powerful Sens-Up function (up to 258 times magnification).



Standard Camera



550TV Lines Camera



550TV Lines

The combination of a Sony Super HAD CCD image sensor and DNR DSP provides an excellent resolution of 550 TV lines.



Digital WDR OFF



Digital WDR ON



D-WDR(Digital Wide Dynamic Range)

D-WDR is a powerful and ultra-advanced technology that captures cleaner and superior high resolution pictures even where images appear dark because there is a strong back light present .



Normal BLC



HS BLC



High Spotlight BLC Function

High Spotlight BLC function is especially effective for reading vehicle number plates at night time. Users can select and define the required observation area for the target object and ignore strong spotlight areas.



Standard Image



Minimum Illumination Image



Illumination

With an Incredibly Minimum Illumination of Amazing 0.00001Lux can Capture Good Images Even in Extremely Low Light Conditions and Related Noises are Significantly Reduced by the Ultra Advanced DNR(Digital Noise Reduction) Technology.

SPECIFICATIONS

MODEL	TW-N238
Sensor	1/3" SONY Super HAD CCD
Total Pixels	NTSC=811(H)*508(V) / PAL=795(H)*595(V)
Effective Pixels	NTSC=768(H)*494(V) / PAL=752(H)*582(V)
Scanning System	2:1 Interlace
Synchronization	Internal
O.S.D	Built – in
Backlight	HSBLC / BLC / OFF Selectable
Resolution	550TV Lines (Color) / 600TV Lines (B/W)
S/N Ratio	More than 50dB
Min. Illumination	0.00001Lux (Sens-up x258)
White Balance	ATW / AWC / Manual / AWC →SET
Electronic Shutter Speed	AUTO (1/50sec, 1/60sec ~ 1/120,000sec) / Manual
Sense – Up	AUTO (Selectable limit x2 ~ x258) / OFF
Gain Control	HIGH / MIDDLE / LOW / OFF Selectable
3D-DNR	OFF / ON (1 ~ 50 Level Adjustable)
D-WDR	Indoor / Outdoor / Off
Motion Detection	ON / OFF (4 Zone)
PRIVACY	ON / OFF (8 Zone)
MIRROR	ON/OFF
SHARPNESS	ON/OFF (Level Adjustable)
D&N Selection	COLOR / BLACK & WHITE / AUTO
Digital Zoom	ON (x32) / OFF
Blemish Compensation	256 Point
Power	DC 12V
Power Consumption	130mA
Lens	3.6mm Fixed Board Lens
Operating Temperature/Humidity	-10°C ~ +50°C / RH 95% Max.
Storage Temperature/Humidity	-20°C ~ +60°C / RH 95% Max.
Dimension (mm)	110(W)*75(H)*110(D)
Weight	300g



Note: Design and Specifications are subject to change without prior notice
