

# Data Sheet

## 3D-DNR True Day/Night Box 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



3D-DNR OFF



3D-DNR ON



Standard Camera



550TV Lines Camera



Digital WDR OFF



Digital WDR ON



Normal BLC



HS BLC



Standard Image



Minimum Illumination Image



### 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).



### 550TV Lines

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



### 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.



### 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.



### 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.

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## **SPECIFICATIONS**

<b>MODEL</b>	<b>TW-8668</b>
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 / Line Lock
O.S.D	Built – in
Backlight	HSBLC / BLC / OFF Selectable
Resolution	550TV Lines (Color) / 600TV Lines (B/W)
S/N Ratio	52dB (AGC Off)
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 / V – Rev / Rotate
SHARPNESS	0 ~ 31 (Level Adjustable)
D&N Selection	COLOR / BLACK & WHITE / AUTO
Digital Zoom	ON (x32) / OFF
Blemish Compensation	256 Point
Power	DC 12V
Power Consumption	120mA
Lens	C & CS Mount Lens
Operating Temperature/Humidity	-10°C ~ +50°C / RH 95% Max.
Storage Temperature/Humidity	-20°C ~ +60°C / RH 95% Max.
Dimension (mm)	58(W)*52(H)*100(D)
Weight	350g



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

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