

Effio-S  
Effio-S  
Effio-S  
Effio-S  
Effio-P  
Effio-P  
Effio-P  
Effio-P

SONY  
Effio™



Effio-E  
Effio-E  
Effio-E  
Effio-E  
Enhanced Effio-E  
Enhanced Effio-E  
Enhanced Effio-E  
Enhanced Effio-E

Enhanced Features and Fine Image Processor (EFFIO)

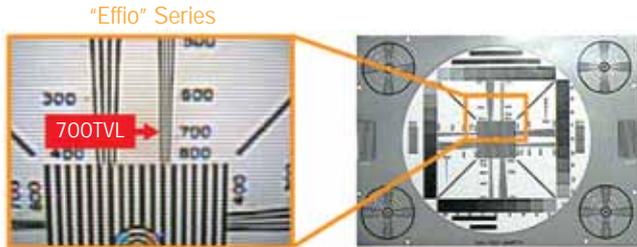
Not only **higher resolution**, but much **MORE**

**MODELS:**  
CDL30, IDL30, IWL30, FV58H & WV580HIR

## High Resolution

Effio-P | Effio-S | Enhanced Effio-E | Effio-E

Higher horizontal resolution of over 650TVL by 960H CCD image sensor



True captured image by "Effio" with 960H CCD image sensor.

Resolution Test Chart

Confirmed maximum resolution to achieve the 700TVL. Measurement method is referred to JEITA (TTR-4602B).

## Excellent Color Reproduction

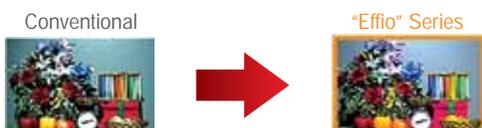
Effio-P | Effio-S | Enhanced Effio-E | Effio-E

Excellent color reproduction under variety of light sources [1,800K to 10,500K]

### Halogen Lamp



### Artificial Sunlight



## Noise Reduction

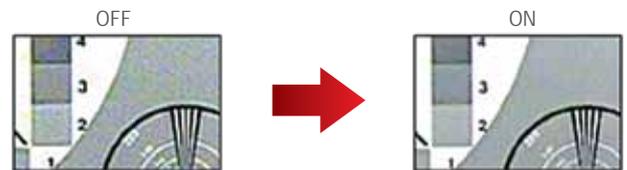
Effio-P | Effio-S | Enhanced Effio-E | Effio-E

Noise reduction is a function that reduces the image noise in order to improve the image quality of the camera. In particular, it reduces the noise which is generated under low-brightness shooting conditions and other high-gain states.

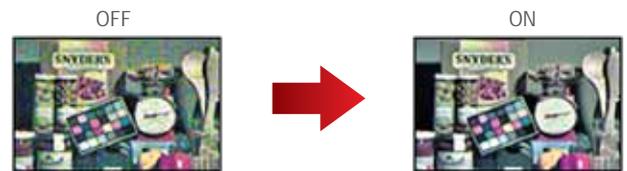
The "Effio-E" (CXD4127GG) comes with a space-based NR (2D-NR) function.

The "Effio-P" (CXD4129GG) and "Effio-S" (CXD4130GG) come with two noise reduction (NR) functions, one is space-based (2D-NR) and the other is time-based (3D-NR).

### 2D-NR



### 2D + 3D-NR



## Preset OSD Menu

Enhanced Effio-E | Effio-E

The "Effio-E" (CXD4127GG) includes OSD (on-screen display) functions that allow camera settings to be made using the display. This function provides preset menus in eight languages (English, French, German, Spanish, Portuguese, Chinese, Russian, and Japanese) and allows camera settings to be made easily without using an external microcontroller.



OSD Menu

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## ATR / ATR-EX

Effio-P | Effio-S | Enhanced Effio-E | Effio-E

The ATR (Adaptive Tone Reproduction) function provides gradation compensation to improve the contrast of subjects whose gradation has been lost in cases where, for instance, both low-luminance areas and high-luminance areas exist in the same picture.

The ATR function improves the visibility of the entire picture by providing the optimum gradation compensation for the image in one field based on the luminance information.



ATR OFF



ATR ON

## Wide Dynamic Range (WDR)

Effio-P | Effio-S

The Wide Dynamic Range (WDR) is a function that it can acquire natural images with fewer blown out highlights and blocked up shadows by combining a multiple number of images, shot at different exposure times, using digital signal processing.



WDR OFF



WDR ON

## Exposure Control for IR Light

Effio-P | Effio-S | Enhanced Effio-E



OFF



ON