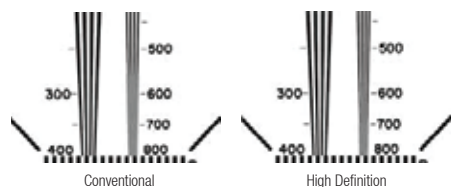


**KEY FEATURES**

- 1/3 inch Sony EFFIO CCD
- High Definition (HD)
- Super Wide Dynamic Range (sWDR)
- 2D/3D Noise Reduction (2D/3DNR)
- Digital Image Stabilizer [DIS]
- IR Cut Filter [IRC]
- TRUE Day & Night
- Digital zoom (3x)
- Optic photo-sensor
- Flange back focus adjustable
- Wide dynamic 12 tolerance
- Built-in power surge protection
- Min illumination 0.2lux ~ 0.0001lux (DSS)
- Non-polarity power input
- Facial Detection [4 zones]
- 12VDC/24VAC

**HIGH RESOLUTION (EFFIO)**



The product portfolio reproduces 650TVL at daytime and 700TVL at nighttime. The unique signal processing technology makes the camera possible to reproduce maximum-optimized output signal frequency.

**DIS (Digital Image Stabilizer)**

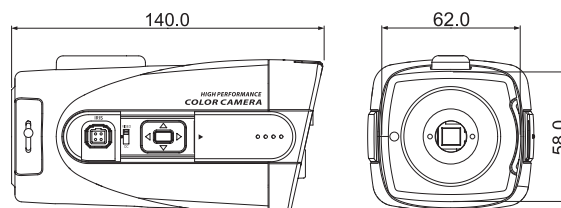


This technology reduces blurring associated with the motion of the subject by using pixel outside the border of the visible frame to provide a buffer for the motion. Increasing the exposure time without blurring the image makes the moving subject stabilized digitally.

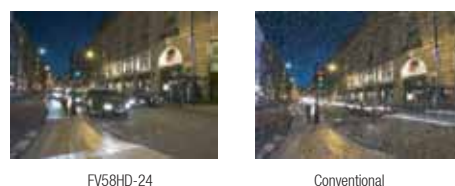
**TECHNICAL SPECIFICATIONS**

*virtue*

RESOLUTION	650TV Lines (Day) 700TV Lines (Night)
EFFECTIVE PIXEL	NTSC: 960 (h) x 494 (v) PAL: 960 (h) x 582 (v)
IMAGE DEVICE	1/3" Sony EFFIO CCD
MINIMUM ILLUMINATION	0.2 Lux at F1.2 (DSS Off) / 0.00001 Lux at F1.2 (DSS On)
ELECTRONIC SHUTTER	NTSC: 1/60 ~ 1/100,000 sec PAL: 1/50 ~ 1/100,000 sec
LENS TYPE	C / CS Mount
SCANNING SYSTEM	NTSC: 525 Lines PAL: 625 Lines 2:1 Interlaced
SYNCHRONIZING SYSTEM	Internal
S/N RATIO	More than 50dB (AGC Off)
VIDEO OUTPUT	1.0Vp-p Composite. 75Ω
IR VISIBILITY RANGE	NO
IR LED	NO
IR CUT FILTER	YES
OPERATING TEMPERATURE	14°K ~ 122°F (-10°C ~ +50°C)
HUMIDITY	Within 90% RH
POWER SUPPLY	12VDC, 24VDC, 230 ACV
POWER CONSUMPTION	260mA at 12VDC, 130mA at 24VAC
DIMENSIONS	62mm(w) x 58mm(v) x 140mm(l)
WEIGHT	Approx 680g
<b>OSD MENU</b>	
WIDE DYNAMIC RANGE [WDR]	Off / On [User selectable by OSD]
HIGHLIGHT SUPP. COMPENSATION	NO
DIGITAL NOISE REDUCTION [DNR]	Off / On
DIGITAL IMAGE STABILIZER [DIS]	YES
DIGITAL SLOW SHUTTER [DSS]	Off / 2x ~ 512x
BACK LIGHT COMPENSATION [BLC]	NO
WHITE BALANCE	800°K ~ 10,500°K Auto ATW / AWB / MANUAL / AWC
MOTION DETECTION	On / Off [4 Zone setting available]
DIGITAL ZOOM	Off / On (x1 ~ x32)
PRIVACY MASKING	4 Zone



**2D / 3DNR (2D/3D Noise Reduction)**



This unit reproduces an extremely clear image with 2D / 3DNR technology simultaneously.