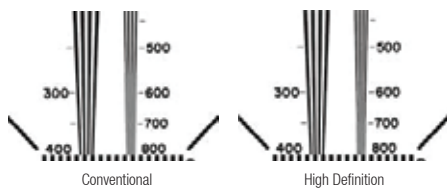


KEY FEATURES

- 1/3 inch Sony EFFIO CCD
- High Definition (HD)
- Super Wide Dynamic Range (sWDR)
- 650TVL (day) 700TVL (night) enhanced resolution
- Day & Night
- 2D/3D Noise Reduction (2D/3DNR)
- IR Cut Filter [IRC]
- Digital zoom (3x)
- Optic photo-sensor
- Outdoor application
- 10-bit digital color reproduction
- External lens adjustment
- 12IR LEDs & 2IR lamps
- Sunshield and mounting bracket
- Non-polarity power input
- Min illumination 0.0lux - 120m [IR LED On]
- 7.5-50mm Varifocal lens
- IP67 Weatherproof
- 24VDC/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.

INFRA RED ILLUMINATION

The camera is equipped with IR LEDs to capture clear image even in total darkness



TECHNICAL SPECIFICATIONS

virtue

RESOLUTION	650TV Lines (Day) / 700 TV Lines (Night)
EFFECTIVE PIXEL	NTSC: 768 (h) x 494 (v) PAL: 752 (h) x 582 (v)
IMAGE DEVICE	1/3" SONY EFFIO CD
MINIMUM ILLUMINATION	0.0 lux - 120m [IR LED On]
ELECTRONIC SHUTTER	NTSC: 1/60~1/100,000 sec. PAL: 1/50~1/100,000 sec.
LENS TYPE	7.5-50mm Varifocal
SCANNING SYSTEM	NTSC: 525 Lines PAL: 625 Lines 2:1 Interlaced
SYNCHRONIZATION	Internal
S/N RATIO	More than 50dB (AGC Off)
VIDEO OUTPUT	1.0Vp-p, Composite 75 Ω
IR VISIBILITY RANGE	120m
IR LED	12IR LEDs & 2IR lamps
IR CUT FILTER	YES
OPERATING TEMPERATURE	14°K ~ 122°F (-10°C ~ +50°C)
HUMIDITY	Within 90% RH
POWER SUPPLY	24VDC / 24VAC
POWER CONSUMPTION	1100mA
MEASUREMENT	220mm (w) x 261.7mm (v) x 412.7mm (l)
WEIGHT	4000g
OSD MENU	
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	8 Zone

3DNR (3D Noise Reduction)



Normal Camera



3DNR Camera

With 3D Noise Reduction (3DNR) embedded, it produces extremely clear picture quality, even under low light condition for 24/7 surveillance.