



## SPECIFICATIONS

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| Video Sensor             | Sony 1/2.8" 2.43MP CMOS Sensor                                         |
| Resolution               | 2.4 Megapixel 1080p, 1984x 1105 (30 FPS)                               |
| Lens                     | 3.6mm                                                                  |
| Illumination Range       | 0.1 LUX (0.0 LUX IR on)                                                |
| Video Output (BNC Type)  | AHD : 1080p : CVBS : 1.Vpp-750Ohm                                      |
| White Balance            | AWB/ATW/AWC-->Set/Indoor/Outdoor/Manual                                |
| S/N Ratio                | More than 50dB                                                         |
| IR LED /Illumination     | 3 IR LEDs, Appox 160 feet in ideal conditions                          |
| Scanning System          | Progressive Scan                                                       |
| Sensitivity(F1.2)        | 0.1 LUX (0 LUX with IR on)                                             |
| Shutter                  | Auto /1/30 / 1/60 (1/50) / FLK / 1/240,,, 1/50000 / x2 /x4 / x6,,,/x25 |
| Effective Pixels (H x V) | 1984 (H) 1226 (V)                                                      |
| Day/Night                | External / Auto / Color / B/W                                          |
| O.S.D                    | Yes, built-in                                                          |
| Mechanical IR Filter     | Mechanical Day/Night ICR-IR Cut Filter                                 |
| BLC                      | Off/ HSBLCL / BLC                                                      |
| Defog                    | On/ Off (Fog or Rain)                                                  |
| IP Rating                | IP66                                                                   |
| NR                       | Off /Low/Middle/High                                                   |
| Operating Temperature    | -10~ to 50 °C                                                          |
| Operating Humidity       | 95%RH                                                                  |
| Power Supply             | DC 12V + or - 10%                                                      |
| Power Consumption        | IR Off: 110mA ( Max), IR On: 350mA (Max)                               |
| IR LED                   | 850nm*3                                                                |
| DimensionL*W*H {inches}  | 2.6" x3.34" x8.5" (inches)                                             |
| Weight                   | 1.8 lbs                                                                |

## Additional OSD Options:

Exposure-wb-manual-special-cam-title-motion-privacy-  
park-line-image-adj-comm-adj-language-area-state-  
height-width-mirror-font-contrast-sharpness

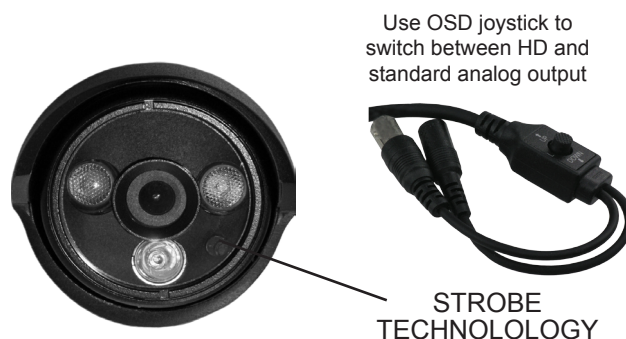
## KEY BENEFITS

- 1080p 1984 x 1105 (30FPS)
- PROGRESSIVE SCAN
- DAY/ NIGHT
- 3.6MM LENS
- RUGGED HOUSING
- DEFOG / BLC / NR OSD CONTROLLED

Designed with high quality in mind, the HF59 is perfect for industrial applications where image adjusting is vital. Dual scan true wide dynamic range allows for the best picture in a number of bright lighting condition. The high power infrared system is crucial for capturing images on a pitch black night. **A high-end chipset makes all the difference, don't be fooled by cheap look-alikes.**

- Built in OSD
- IR range 164 feet
- Effective pixel 1984 (H) x 1226 (V)
- Advanced OSD menu

## 3 IR LEDs



Use OSD joystick to switch between HD and standard analog output

HIGH INTENSITY  
LONG RANGE  
DRAGONFIRE IR LED

STROBE  
TECHNOLOGY

OSD CONTROL  
MINI-JOYSTICK