

# K-37DN-1, K-37DN-2, K-37DN-3 K-38DN-1, K-38DN-2, K-38DN-3

## K-37DN-1 K-38DN-1 K-37DN-2 K-38DN-2 K-37DN-3 K-38DN-3



Mechanical IR Cut Filter Switching



Daytime Mode  
(>7 Lux)



Nighttime Mode/IR  
(>4 Lux)

### Feature

- IR Illuminator acceptable
- 1/3" SONY Super-HAD CCD & Ex-view HAD CCD
- OLP IR Cut Filter removable
- True color 500TVL(Day) to 520TVL no focus shift (Night)

### Specification

|                        | K-37DN-1  | K-37DN-2        | K-37DN-3   | K-38DN-1   | K-38DN-2       | K-38DN-3   |
|------------------------|---|-----------------|------------|--|----------------|------------|
| Power requirements     | DC 12V  | DC 12V / AC 24V | AC 85~265V | DC 12V   | DC 12V / AC24V | AC 85~265V |
| Synchronization        | Line-Lock   |                 |            |  |                |            |
| Image Sensor           | 1/3" SONY Super HAD CCD   |                 |            | 1/3" SONY Ex-view HAD CCD  |                |            |
| Picture Elements       | PAL: 752(H) x 582(V), NTSC: 768(H) x 494(V)                                   |                 |            | NTSC: 768(H) x 494(V), NTSC: 811(H) x 508(V)                                   |                |            |
| Scanning system        | PAL:625 lines, NTSC:525 lines, 2:1 interlace                                  |                 |            |  |                |            |
| Horizontal Resolution  | 500 TV Lines ( color mode ) / 520 TV Lines ( b&w mode )                       |                 |            |  |                |            |
| Minimum illumination   | 0.5 lux @F1.2(color mode, 30IRE, SAGC)<br>0.1lux @F1.2(b&w mode, 30IRE, SAGC) |                 |            | 0.1 lux @F1.2(color mode, 30IRE, SAGC)<br>0.05lux @F1.2(b&w mode, 30IRE, SAGC) |                |            |
| IR wavelength          | 700~1100nm  |                 |            |  |                |            |
| OLPF switching         | Auto switching  |                 |            |  |                |            |
| OLPF change delay time | User define from real time (1 sec.) ~ 5 mins                                  |                 |            |  |                |            |
| Aperture correction    | Horizontal & Vertical 2H enhancer   |                 |            |  |                |            |
| S/N Ratio              | Better than 48 dB   |                 |            |  |                |            |
| Flicker less           | ON/OFF switchable   |                 |            |  |                |            |
| Gain control           | Max. 36dB, AGC OFF  |                 |            |  |                |            |
| Auto iris shutter      | Auto Iris mode;PAL:1/50 sec., NTSC:1/16 sec.                                  |                 |            |  |                |            |
| Auto etctronic shutter | AES:1/50(60)~1/100,000 sec.   |                 |            |  |                |            |
| Auto exposure          | ON/OFF switchable   |                 |            |  |                |            |
| White Balance          | AWB / ATW2500° k~9500° k  |                 |            |  |                |            |
| BL compensation        | Auto detect, Histogram & Central window weighted                              |                 |            |  |                |            |
| Gamma correction       | 0.45  |                 |            |  |                |            |
| Phase adjustment       | V phase adjustment(90°), AC model   |                 |            |  |                |            |
| Video output           | 1Vp-p, 75 composite, BNC connector  |                 |            |  |                |            |
| Lens mount             | Accept C/CS mount   |                 |            |  |                |            |
| Auto iris lens         | Accept VD/DC servo iris lens  |                 |            |  |                |            |
| Operation Temp         | -10° C~50° C (14° F ~ 122° F)   |                 |            |  |                |            |
| Weight                 | 0.55kg  |                 |            |  |                |            |
| Dimensions             | 60 x 53 x 110mm (W x H x D)   |                 |            |  |                |            |