

# ●● Dual CCD Cameras

## Box Camera



### FEATURES

- **Built-in Dual CCDs and Sony Full Chip Set**
  - Super HAD CCD Color for daytime and B/W EX-View CCD for nighttime are switchable according to light conditions.
- **Built-in OSD Menu**
- **User-Friendly Controls.**
  - Lux level control
  - BLC (Back Light Compensation): ON/OFF
  - C-CS Lens Mount
- **Dual Power (12VDC / 24VAC)**
- **Sensitivity of B/W Ex-View CCD is 40% better than Super HAD CCD**

### ❖ CONFIGURATION



1. BNC
2. Auto Iris Terminal
3. Lux level Control
4. OSD Switches
5. Power Terminal
6. UTP

### ❖ SPECIFICATION

| DUAL - S55               |  |
|--------------------------|--|
| Type                     | BUILT-IN DUAL CCD  |
| Image Sensor             | Sony - 1/3 Super HAD Color CCD<br>1/3 EX-view B/W CCD for night          |
| Effective Pixels         | NTSC : 768 (H) x 494 (V)<br>PAL : 752 (H) x 582 (V)                      |
| Resolution               | More than 540 TV Lines for Color<br>More than 600 TV Lines for B/W       |
| Video System             | NTSC PAL TV System   |
| Scanning System          | NTSC : 525 Lines 2:1 Interlace<br>PAL : 625 Lines 2:1 Interlace          |
| Scanning Frequency       | NTSC : 15.734 [kHz] / 59.94 [Hz]<br>PAL : 15.625 [kHz] / 50 [Hz]         |
| Shutter Speed            | NTSC : 1/60 ~ 1/100,000 sec    PAL : 1/50 ~ 100,000 sec                  |
| Sync System              | Internal Sync  |
| CCD Level Control        | ALC (DC auto iris lens control)  |
| AGC Gain Control         | Automatic ( 0 ~ 18dB )   |
| White Balance            | AWB/ ATW/ MANUAL/ FIXED  |
| Gamma                    | Default: 0.45, User Setting: 0.1 ~ 1.0                                   |
| S/N Ratio                | More than 48 [dB] / AGC Off  |
| Video Output             | CVBS 1.1 Vp-p / 75ohm  |
| Minimum Illumination     | 0.003 Lux (F:1.2 / 40 IRE )  |
| Power Supply Consumption | DC12V 500mA / AC24V 400mA, 10W(MAX)                                      |
| Operating Temp.          | -10°C ~ +50°C  |
| Storage Temp.            | -20°C ~ +60°C  |
| D&N Type                 | CDS Sensor Type<br>Day & night change lux control<br>Menu Control Button |
| Dimension                | 64(W)x61.5(H)x133(D)mm   |
| Weight                   | 589g (1.3lbs)  |
| Recommendation           | Regulated DC 12V 1.0A or AC24V with 1.0A Power supply                    |