

# STANDARD CAMERA

## MSC-512S3F, MSC-524S3F, MSC-523S3F 600TV LINES/TDN CCTV CAMERA



### - FEATURES -

- 1/3" SONY High-Resolution Super HAD CCD II
- 600TV Lines Horizontal Resolution
- Excellent Low Light Sensitivity of 0.15Lux/F1.2
- Sens-up : x2 ~ x256 (0.0006Lux/F1.2)
- DNR : Digital Noise Reduction
- HLC : High-Light Compensation
- DIS : Digital Image Stabilizer
- True Day & Night : Built-in Filter Switching Mechanism
- x256 Digital Zoom
- RS-485
- OSD Menu Control by Push Button
- Strong Compatibility with Various Lens Type

\* **MSC-524S3F** : DC 12V / AC 24V

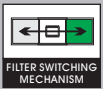
\* **MSC-523S3F** : AC 230V



1/3 SONY  
SUPER HAD CCD II



COLOR



FILTER SWITCHING  
MECHANISM



DAY & NIGHT



DNR  
DIGITAL NOISE  
REDUCTION



SENS-UP  
SENS-UP  
0.0006 Lux



HLC  
HIGH-LIGHT  
COMPENSATION



DIS  
DIGITAL  
IMAGE STABILIZER

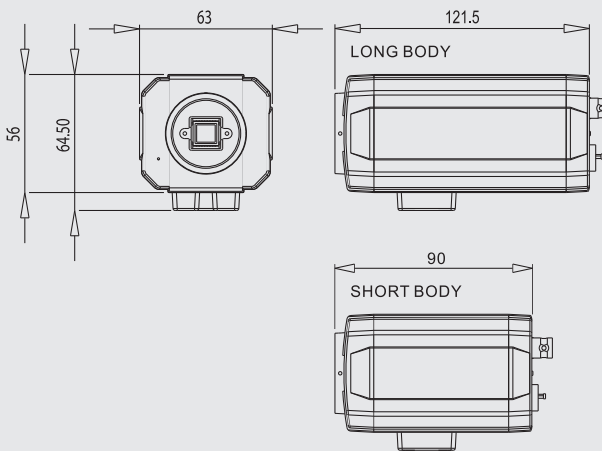


AUTO-IRIS

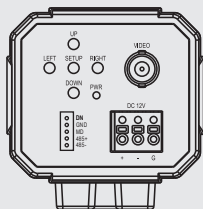


DC 12V, AC 230V  
DC 12V / AV 24V

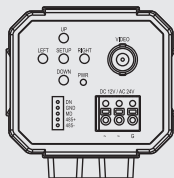
### - DIMENSION -



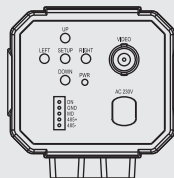
### - REAR VIEW -



DC12V



DC12V / AC24V



AC230V

### - SPECIFICATIONS -

| MSC-512S3F / MSC-524S3F / MSC-523S3F |   |                            |           |
|--------------------------------------|---|----------------------------|-----------|
| Signal Format                        | NTSC  | PAL                        |           |
| Horizontal Resolution                | 600TV Lines   |                            |           |
| Image Sensor                         | 1/3" SONY High-Resolution Super HAD CCD II  |                            |           |
| Effective Pixels                     | 768(H) x 494(V)   | 752(H) x 582(V)            |           |
| Scanning System                      | 2:1 Interlace   |                            |           |
| Synchronization                      | Internal  |                            |           |
| Scanning Frequency                   | 15.734 KHz(H), 59.94 Hz(V)  | 15.625 KHz(H), 50.00 Hz(V) |           |
| Video Output                         | CVBS : 1.0Vp-p/75Ω  |                            |           |
| Min. Illumination                    | Color : 0.15Lux/F1.2, 0.0006Lux/F1.2 (Sens-up x256)<br>BW : 0.001Lux/F1.2, 0.00004Lux/F1.2 (Sens-up x256) |                            |           |
| Electronic Shutter                   | 1/60 ~ 1/120,000 sec  | 1/50 ~ 1/120,000 sec       |           |
| IRIS Control                         | DC / VIDEO / MANUAL   |                            |           |
| Signal to Noise Ratio                | 52dB (AGC Off, Weight On)   |                            |           |
| Backlight Compensation               | BLC / HLC / OFF   |                            |           |
| White Balance                        | ATW / AWC / MANUAL /<br>OUTDOOR (1,800°K ~ 10,500°K) / INDOOR (4,500°K ~ 8,500°K)                         |                            |           |
| Gain Control                         | LOW / HIGH / OFF  |                            |           |
| Digital Noise Reduction              | ON / OFF  |                            |           |
| Day & Night                          | COLOR / BLACK & WHITE / AUTO / EXT  |                            |           |
| Sens-up                              | AUTO / FIXED / OFF (Selectable x2 ~ x256)   |                            |           |
| Digital Image Stabilizer             | ON / OFF  |                            |           |
| Digital Zoom                         | ON / OFF (x256 Zoom)  |                            |           |
| Motion Detection                     | ON / OFF (β Zone, Alarm Output)   |                            |           |
| Privacy                              | ON / OFF (32 Zone)  |                            |           |
| Mirror (H-REV)                       | ON / OFF  |                            |           |
| Flip (V-REV)                         | ON / OFF  |                            |           |
| Rotate                               | ON / OFF  |                            |           |
| Freeze                               | ON / OFF  |                            |           |
| Sharpness                            | ON / OFF (Level Adjustable)   |                            |           |
| OSD                                  | Built-in (Chinese, English, French, German, Italian, Japanese, Korean, Spanish)                           |                            |           |
| True Day & Night                     | Built-in Filter Switching Mechanism   |                            |           |
| Input Voltage                        | DC 12V (±10%)   | DC 12V / AC 24V            | AC 230V   |
| Power Consumption                    | Max. 2.4W   | Max. 4.0W                  | Max. 6.5W |
| Operating Temp/Hum                   | Temperature : -10°C to +50°C / Humidity : 30% to 80% RH   |                            |           |
| Storage Temp/Hum                     | Temperature : -20°C to +60°C / Humidity : 20% to 90% RH   |                            |           |
| Dimension                            | 63.0(W) x 64.5(H) x 121.5(D)mm  |                            |           |
| Weight                               | Approx. 400g  |                            |           |