

# STANDARD CAMERA

## MSC-712SF, MSC-724SF, MSC-723SF 600TVL WDR/TDN CCTV CAMERA



### - FEATURES -

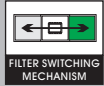
- 1/3" SONY Double Scan CCD
- 600TV Lines Horizontal resolution (B/W : 700TV Lines)
- Excellent low light sensitivity of 0.12Lux/F1.2
- Sens-up : x256 (Color : 0.0004Lux/F1.2, BW : 0.00004Lux/F1.2)
- WDR : Wide dynamic range (NTSC : x128 / PAL : x160)
- True Day & Night : Built-in Filter switching mechanism
- DNR : Digital noise reduction
- DIS : Digital image stabilizer
- Motion detection : 4 zone
- Privacy : 8 zone
- x10 Digital zoom
- Built-in OSD controller
- Strong compatibility with various lens type

\* MSC-724SF : DC 12V / AC24V

\* MSC-723SF : AC 230V



1/3 SONY  
DOUBLE SCAN CCD



FILTER SWITCHING  
MECHANISM



DAY & NIGHT



WDR  
WIDE DYNAMIC  
RANGE



DNR  
DIGITAL NOISE  
REDUCTION



SENS-UP  
SENS-UP  
0.0004 Lux



DIS  
DIGITAL  
IMAGE STABILIZER



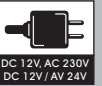
Flickerless



AUTO IRIS

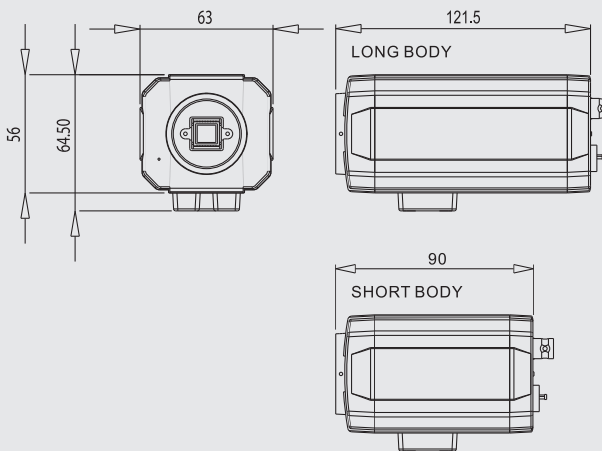


VARIOUS LENS

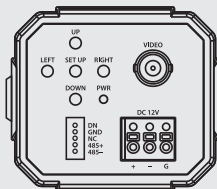


DC 12V, AC 230V  
DC 12V / AV 24V

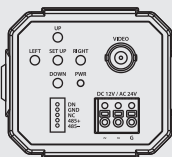
### - DIMENSION -



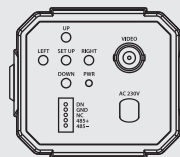
### - REAR VIEW -



DC12V



DC12V / AC24V



AC230V

### - SPECIFICATIONS -

MSC-712SF / MSC-724SF / MSC-723SF		
Signal Format	NTSC	PAL
Horizontal Resolution	Color : 600TV Lines, B/W : 700TV Lines	
Image Sensor	1/3" SONY Double Scan CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
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 : 0.12Lux/F1.2 (Sens-up : 0.0004Lux/F1.2) B/W : 0.012Lux/F1.2 (Sens-up : 0.00004Lux/F1.2)	
Electronic Shutter	1/60 ~ 1/100,000 sec	1/50 ~ 1/100,000 sec
IRIS Control	DC / VIDEO / MANUAL	
Signal to Noise Ratio	52dB	
Backlight Compensation	OFF / BLC / WDR	
White Balance	ATW1 (2,500°K~9,500°K) / ATW2 (1,800~10,500°K) / AWC / MANUAL (3,200°K / 5,600°K)	
Gain Control	MIDDLE / HIGH / LOW	
Digital Noise Reduction	MIDDLE / HIGH / USER / OFF / LOW	
Day & Night	AUTO / EXT / DAY / NIGHT	
Sens-up	x2 ~ x256	
Wide Dynamic Range	x128	x160
Digital Image Stabilizer	OFF / ON	
Digital Zoom	OFF / ON (x1 ~ x10)	
Flickerless	OFF / ON	
Motion Detection	OFF / TRACKING / DETECTION (4 Zone, Alarm Output)	
Privacy	8 Zone (Polygonal Method, 4 Points)	
Camera ID	OFF / ON (Max. 54ea / 2Line)	
Intelligent Video	FIXED / MOVED	
Reverse	OFF / H / V / HV	
PIP	OFF / ON	
OSD	Built-in (En, Fr, Ge, It, Ja, Po, Sp)	
Input Voltage	DC 12V (±10%) (* MSC-712SF)	
Power Consumption	Max. 2.3W (* MSC-712SF)	
Operating Temp/Hum	Temperature : -10°C ~ +50°C / Humidity : Less than 90%	
Dimension	63.0(W) x 64.5(H) x 121.5(D) mm	
Weight	Approx. 320g	