

MAGIC CAMERA

Vivid Color In Low Lux, No IR Needed



► FEATURES

- .Built-in 1/3" CCD High Resolution Color Camera
- .No IR required at night. Clear image under faint start light.
- .No overheat problem. Good for energy conservation and conforms to the environmental protection
- .Horizontal Resolution 560 TV Lines.
- .IP66 weatherproof housing
- .Easy for installation

► SPECIFICATIONS

Model Number		MAGIC-MS2-01	MAGIC-HS2-01	Outdoor Performance Comparison at Night Time Picture Taken at 6:50PM
Scanning System	NTSC	525 lines 2:1 interlace		
	PAL	625 lines 2:1 interlace		
Scanning Frequency	NTSC	15,734Hz(H) , 60Hz(V)		
	PAL	15,625Hz(H) , 50Hz(V)		
Effective Pixels	NTSC	512(H) x 492(V)	768 (H) x 494(V)	
	PAL	512(H) x 582(V)	752 (H) x 582(V)	
Electronic Shutter	NTSC	1/60-100,000sec.		
	PAL	1/50-100,000sec		
Image Device		1/3" SONY Super HAD CCD		
Horizontal Resolution		480 TV lines Enhanced	560 TV lines Enhanced	
Sensitivity		0.01Lux	0.02Lux	
Signal to Noise		More than 48dB		
Gain Control		Auto + 18dB Max		
White Balance		Auto ATW 2500-9500 ° K		
Sense-UP times		Max 32 times		Performance Comparison Inside Controlled Environment of 0.21 LUX

BLC	Auto
Gamma Correction	0.45
SYNC System	Internal
Lens/Focus point	8mm (Optional 4.3mm, 12mm)
Video Output	1.0 Vp-p, 75 Ohm
Protection Class	IP 66
Power Requirement ($\pm 10\%$)	DC12V, 500mA
Power Consumption ($\pm 10\%$)	80mA
Construction	Aluminum with sunshield weatherproof
Operation Temp.	Operating: $-10 \sim +55^{\circ}\text{C}$, Storage: $-30 \sim +80^{\circ}\text{C}$, Humidity:0~95%RH
Dimensions (mm)	65(W) x 70(H) x 112(L)
Weight (N.W)	Approx. 0.37kg



Magic cam
SONY CCD
w/ 8mm Lens
(480TVL)



Normal cam
SONY CCD
w/ 8mm Lens
(420TVL)

Magic Camera maintains an outstanding performance of clear color picture while Normal Camera has already lost a lot of visibility.

Design and specifications are subject to change without notice.