

MAGIC CAMERA

Vivid Color In Low Lux, No IR Needed



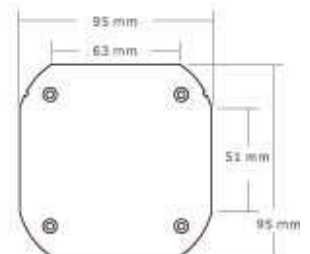
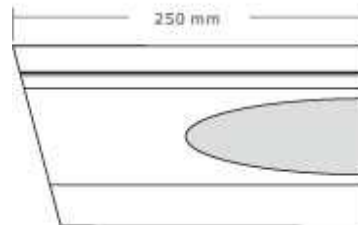
► FEATURES

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

Hidden-Cable Bracket



Material	Aluminum
Swivel Angle	360°
Tilt Angle	120°
Dimension(mm)	208(L)X75(W)X115(H)
Max. Load	10kg



► SPECIFICATIONS

Model Number		MAGIC-MS2-02	MAGIC-HS2-02	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			
BLC	Auto			
Gamma Correction	0.45			
SYNC System	Internal			
Lens/Focus point	20mm (Optional 30mm)			
Video Output	1.0 Vp-p, 75 Ohm			
Protection Class	IP 66			
Power Requirement (±10%)	DC12V			
Power Consumption (±10%)	80mA			
Construction	Aluminum with sunshield weatherproof			
Operation Temp.	Operating: -20 ~ + 55 °C , Storage: -30 ~ + 80 °C , Humidity:0~95%RH			
Dimensions (mm)	95(W) x 95(H) x 250(L)			
Weight (N.W)	Approx. 1.9kg (with bracket)			
Design and specifications are subject to change without notice.				

Outdoor Performance Comparison at Night Time Picture Taken at 6:50PM



Magic cam
SONY CCD
w/ 6mm Lens
(480TVL)



Normal cam
SONY CCD
w/ 6mm Lens
(420TVL)

Magic Camera shows clear color picture while Normal Camera has turned black and white.

Performance Comparison Inside Controlled Environment of 0.21 LUX



Magic cam
SONY CCD
w/ 6mm Lens
(480TVL)



Normal cam
SONY CCD
w/ 6mm Lens
(420TVL)

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