

# MAGIC CAMERA

## Vivid Color In Low Lux, No IR needed



### FEATURES

- ▶ Star Light Color Camera
- ▶ 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
- ▶ Easy for installation

### SPECIFICATIONS

MODEL NO.		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		 <p>Magic cam SONY CCD w/ 6mm Lens (480TVL)</p>	
	PAL	625 lines 2:1 interlace			
Scanning Frequency	NTSC	15,734Hz(H) , 60Hz(V)		 <p>Normal cam SONY CCD w/ 6mm Lens (420TVL)</p>	
	PAL	15,625Hz(H) , 50Hz(V)			
Effective Pixel	NTSC	510(H) x 492(V)	768(H) x 492(V)	<p>Magic Camera shows clear color picture while Normal Camera has turned black and white.</p>	
	PAL	500(H) x 582(V)	752(H) x 582(V)		
Electronic Shutter	NTSC	1/60-100,000sec.		<p>Performance Comparison Inside Controlled Environment of 0.21 LUX</p>	
	PAL	1/50-100,000sec.			
Image Device	1/3" SONY Super HAD CCD			 <p>Magic cam SONY CCD w/ 6mm Lens (480TVL)</p>	
Horizontal Resolution	480 TV lines Enhanced	560 TV lines Enhanced			
Sensitivity	0.01Lux	0.02Lux		 <p>Normal cam SONY CCD w/ 6mm Lens (420TVL)</p>	
Signal to Noise	More than 52dB				
Gain Control	Auto + 18dB Max			<p>Magic Camera maintains an outstanding performance of clear color picture while Normal Camera has already lost a lot of visibility.</p>	
White Balance	Auto 2500~9500°K				
Sense-UP times	Max 32 times				
DNR	Built-in DNR (Digital Noise Reduction)				
BLC	Auto			<p>Magic cam SONY CCD w/ 6mm Lens (480TVL)</p>	
Gamma Correction	0.45				
SYNC System	Internal			<p>Normal cam SONY CCD w/ 6mm Lens (420TVL)</p>	
Lens/Focus point	6mm(Optional 8mm)				
Video Output	1.0 Vp-p 75 Ohm			<p>Magic Camera maintains an outstanding performance of clear color picture while Normal Camera has already lost a lot of visibility.</p>	
Protection Class	IP 66				
Power Requirement (±10%)	DC12V, 500mA				
Power Consumption (±10%)	80mA				
Construction	Aluminum with sun-shield weatherproof			<p>Magic Camera maintains an outstanding performance of clear color picture while Normal Camera has already lost a lot of visibility.</p>	
Operation Temp.	Working: -10~+55°C, Storage: -30~+80°C, Humidity:0~95%RH				
Dimension(mm)	65(W) x 70(H) x 112(L)			<p>Magic Camera maintains an outstanding performance of clear color picture while Normal Camera has already lost a lot of visibility.</p>	
Weight(N.W)	Approx. 0.37kg				