

# 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
- .Easy for installation

## ► SPECIFICATIONS

Model Number		MTH203		Outdoor Performance Comparison at Night Time Picture Taken at 6:50PM	
Scanning System	NTSC	525 lines 2:1 interlace			<b>Magic cam</b> SONY CCD w/ 6mm Lens (480TVL)
	PAL	625 lines 2:1 interlace			
Scanning Frequency	NTSC	15,734Hz(H) , 60Hz(V)			<b>Normal cam</b> SONY CCD w/ 6mm Lens (420TVL)
	PAL	15,625Hz(H) , 50Hz(V)			
Effective Pixels	NTSC	512(H) x 492(V)	768 (H) x 494(V)	Magic Camera shows clear color picture while Normal Camera has turned black and white.	
	PAL	512(H) x 582(V)	752 (H) x 582(V)		
Electronic Shutter	NTSC	1/60-100,000sec.		<b>Performance Comparison Inside Controlled Environment of 0.21 LUX</b>   <b>Magic cam</b> SONY CCD w/ 6mm Lens (480TVL)	
	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 2500-10000 ° K			
Sense-UP times		Max 32 times			
BLC		Auto			
Gamma Correction		0.45			
SYNC System		Internal			
Lens/Focus point		8mm (Optional 4.3mm, 6mm, 12mm, 20mm)			
Video Output		1.0 Vp-p, 75 Ohm			
Protection Class		IP 66			
Power Requirement (±10%)		DC12V, 500mA			
Power Consumption (±10%)		80mA			
Construction		Aluminum with sunshield weatherproof			
Operation Temp.		Operating: -10 ~ + 55 °C , Storage: -30 ~ + 80 °C , Humidity:0~95%RH			
				 <b>Normal cam</b> SONY CCD w/ 6mm Lens (420TVL)	