



FEATURES

- ▶ Built-in color CCD camera (night vision) and lens
- ▶ IR Distance: 20~25Meters
- ▶ Long life IR LED (up to 10,000 hours)
- ▶ Smart IR on/off control
- ▶ IP66 weatherproof housing

SPECIFICATIONS

Model Number		NT-B20MR	NT-B20MS	NT-B20HS
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 Pixel	NTSC	512(H) x 492(V)	510(H) x 492(V)	768(H) x 492(V)
	PAL	512(H) x 582(V)	500(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" SHARP CCD	1/3" SONY Super HAD CCD	
Horizontal Resolution		420 TV lines		520 TV lines
Sensitivity		0.3Lux , 0 Lux at IR on	0.2Lux , 0 Lux at IR on	0.5Lux , 0 Lux at IR on
Signal to Noise		More than 48dB		
Gain Control		Auto		
White Balance		Auto 2500~9500°K		
BLC		Auto		
Gamma Correction		0.45		
SYNC System		Internal		
Lens/Focus point		4.3mm(Optional 6mm,8mm)		
Video Output		1.0 Vp-p 75 Ohm		
IR LED		24 units 850nm infrared LED		
IR Distance		20 ~25 Meters (Subject to IR reflection conditions)		
IR Status		IR on : Under 10 Lux, by CDS auto control		
LED Life Time		More than 10,000 Hours		
Protection Class		IP 66		
Power Requirement (±10%)		DC12V, 500mA		
Power Consumption (±10%)		IR on: 300mA , IR off: 80mA	IR on: 320mA , IR off:100mA	
Construction		Aluminum with sun-shield weatherproof		
Operation Temp.		Working: -20~+55°C, Storage: -30~+80°C, Humidity:0~95%RH		
Dimension(mm)		60(R) x 68.7(H) x 99.5(L)		
Weight(N.W)		256 g		

