



### Color Bullet Cameras



**20R1L4RM NTSC**  
**21R1L4RM PAL**

Image Sensor	1/4" Color CCD
Active Pixels (HxV)	771 X 492 NTSC 753 X 582 PAL
Horizontal Resolution	420 TVL
Sensitivity	0.3 lux at F1.2 - No IR
Signal To Noise Ratio	> 56 dB AGC Off
Gain	AGC on
Synchronization	Internal
White Balance	Auto (3200-10,000 <sup>0</sup> K)

Back Light Comp.	Fixed on
Mirror Mode	On (preset internal)
Iris	CCD
Video Output	1Vp-p 75 ohm composite video
Power Supply	12VDC 90mA (+/- 10%)
Power Consumption	5.6 W
Lens	4.3mm (F1.8)
Dimensions (WxHxD)	49.21mm x 69.85mm x 76.2mm (1.94" x 2.75" x 3")
Weight	199.6g (0.44 lbs)



**20W92W NTSC**  
**21W92W PAL**

Image Sensor	1/3" Sony interline CCD
Active Pixels (HxV)	768 X 494 NTSC 752 X 582 PAL
Horizontal Resolution	450 TVL
Sensitivity	0.5 lux
Signal To Noise Ratio	> 46 dB
Gain	AGC on
Synchronization	Internal

Back Light Comp.	Fixed on
Iris	CCD
Video Output	1Vp-p 75 ohm composite video
Power Supply	12VDC nominal
Power Consumption	<2.25 W
Lens	3.6mm
Dimensions (LxØW)	75mm x Ø29mm (2.95" x Ø1.14")
Weight	86.2g (0.19 lbs)



**20W93W NTSC**  
**21W93W PAL**

Image Sensor	1/4" Sony interline CCD
Active Pixels (HxV)	510 X 492 NTSC 500 X 582 PAL
Horizontal Resolution	380 TVL
Sensitivity	1.5 lux
Signal To Noise Ratio	46 dB
Gain	AGC on
Synchronization	Internal

Back Light Comp.	Fixed on
Iris	CCD
Video Output	1Vp-p 75 ohm composite video
Power Supply	12VDC nominal
Power Consumption	<1.1 W
Lens	3.6mm
Dimensions (LxØW)	74.6mm x Ø 20mm (2.93" x Ø 0.79")
Weight	45.36g (0.10 lbs)

### B&W Bullet Cameras



**20W81W EIA**  
**21W81W CCIR**

Image Sensor	1/3" Sony CCD
Active Pixels (HxV)	537 X 505 EIA 537 X 597 CCIR
Horizontal Resolution	380 TVL
Sensitivity	< .01 lux
Signal To Noise Ratio	> 45 dB
Gain	AGC on

Synchronization	Internal
Iris	CCD
Video Output	1Vp-p 75 ohms composite
Power Supply	12VDC nominal
Power Consumption	< 1.2 W
Lens	3.6mm
Dimensions (Lx Ø W)	75mm x Ø29mm (2.95" x Ø1.14")
Weight	86.2g (0.19 lbs)

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