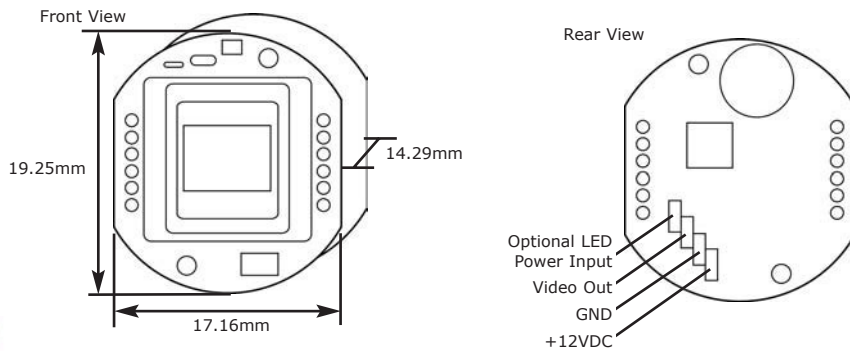


### Camera Features

- Tiny 3/4" (19.25mm) Round Dual Board
- 400 TVL
- 1/3" CCD
- 0.3 lux
- Low Power



• Lens & Housing Possibilities for OEMs

### Technical Specifications

#### Electrical

	20RD8 NTSC	21RD8 PAL
CCD sensor	1/3" IL CCD	
Active pixels (HxV)	512 x 492	512 X 585
Horizontal resolution	≥ 330 (TVL)	
Vertical resolution	400 (TVL)	
Sensitivity	> 0.3 Lux (30 IRE) F1.2, 3200K, lens transmission 85%, scene reflection 75%	
Signal to noise ratio	> 46 dB (AGC off)	
Gamma	0.45 (default)	
Gain control	Automatic 26 dB (default)	
Synchronization	Internal	
White balance	Default auto 2300-7500K, fixed white balance to color temperature or light source	
Scan mode	Interlaced (default)	
Contour enhancement	Default on	
Iris controls	Electronic (default)	
Video output	1Vp-p 75ohms (AC coupled)	
Power supply	12VDC (+/- 10%)	
Power consumption	< 0.8W	

#### Environmental

Ambient operating temp.	-05° C ~ 40° C
Storage temp.	-10° C ~ 50° C
Ambient operating humidity	20 to 95%RH
Storage humidity	Up to 98% RH
Lifetime	MTBF >150000 hours

#### Mechanical

Dimensions Width x Diameter x Depth	17.16mm x 19.25mm x 14.29mm (.676" x .758" x .562")		
Interfaces	3 Wire	12VDC Video Out Ground	(Red AWG26) (Yellow AWG26) (Blue AWG26)
	Optional	I/O power For external system LEDs	(White AWG26)
OLP/IR filter	Single layer 0.81mm (depth)		

#### Accessories

Optional	LED	I/O available for special lighting options
	Housing	Can be contracted
	Heat sync	Can be contracted
	B&W model	20RD3 (same specs as 20RD8 except B&W output)

All data subject to change without notice.

02/01/05 PDS-20RD8 Rev C



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