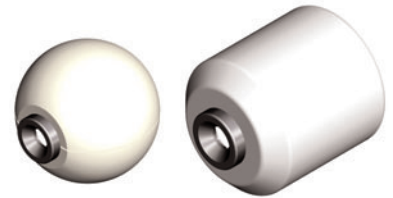
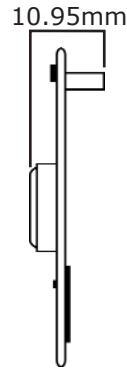
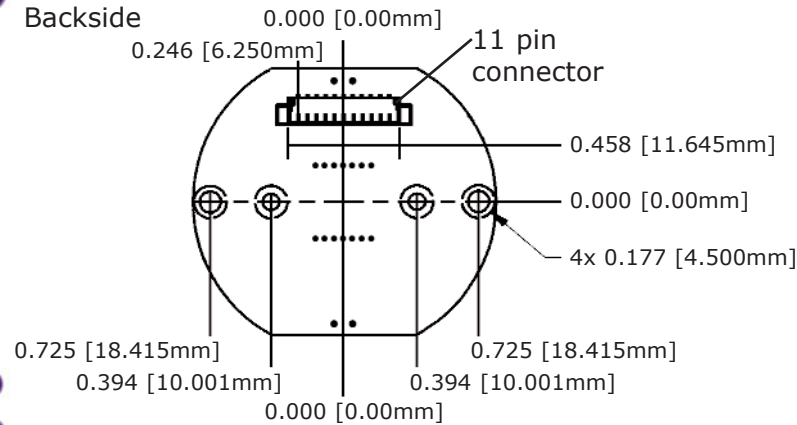
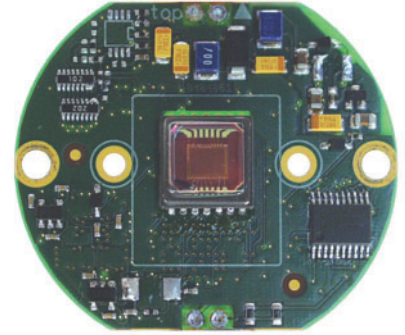




Camera Features

- 42mm Round Board
- ≥480 TVL YC S-Video
- 0.5 Lux
- Diameter Ø 41.55mm
- M-12 Lens Mount



- Lens & Housing Possibilities for OEMs

Technical Specifications

Electrical

	20RS5 NTSC	21RS5 PAL
CCD Sensor	1/4" IL CCD	
Active pixels (HxV)	768 x 492	752 x 585
Horizontal Resolution	≥ 480 (TVL)	
Sensitivity	0.5 Lux (30 IRE) F1.2 3200K, lens transmission 80%, scene reflection 75%	
Signal to noise ratio	> 46 dB (AGC off)	
Gamma	0.45 (default)	
Gain control	Automatic 26 dB (default)	
Synchronization	Internal	
Back light compensation	Default off, selectable via software	
White balance	Default auto 2300-7500K fixed white balance to color temperature or light source	
Scan mode	Interlaced (default)	
Contour enhancement	Default on, selectable via software	
Negative mode	Y/C signal inversion	
Iris controls	Electronic (default)	
Video output	Y/C (Y=1Vp-p, C=700mVp-p) Optional Composite video	
Power Supply	5VDC (+/- 10%)	
Power Consumption	< 0.8W	

Environmental

Ambient operating temp.	-15° C ~ 55° C
Storage temp.	-25° C ~ 70° C
Ambient operating humidity	20 to 95%RH
Storage humidity	Up to 98% RH
Lifetime	MTBF >150000 hours

Mechanical

Dimensions ØxWxD	41.55mm x 37.27mm x 10.95mm (1.636" x 1.467" x .431")			
Lens mount – metal options	M12 Board lens mount		M12 Board lens mount	
Lens options	Model	Focal Length	Model	Focal Length
	32S1830N	f1.8	32S3820N	f3.8
	32S2120N	f2.1	32S0420N	f4.2
	32S2520N	f2.5	32S0618N	f6
	32S2920N	f2.9	32S0820N	f8
	32N0320N	f3.2	32S1620N	f16
	32S3620N	f3.6		
OLP/IR filter	Single layer 0.81mm (depth)			

Accessories

Optional	LED	I/O available for special lighting options
	Housing	Can be contracted
	Digital output	YUV 8-bit digital output 422 according CCIR656 (D1)

06/27/07 PDS-20RS5 Rev D

All data subject to change without notice.

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