

Sales Order No: 62714
 Purchase Order No: SB134109SU0382
 Camera Serial No: 2705090005

Certificate of Performance

This document certifies that at the time of manufacture, this **PIXIS: 1024BR(1024x1024)** camera system was assembled and tested in accordance with applicable Princeton Instruments/Acton procedures. A copy of this certification is on file.

Read Noise (e- rms)		Single Pixel Full Well (ke-)	
		Measured	
Speed	Measured	67	
100 kHz	3.19		
2 MHz	10.94		
		Output-Node (Binned) Full Well (ke-)	
		Measured	
		245	

Dark Charge (e-/pixel/sec)	
	Measured
	0.06 @ -70°C

Gain and Non-Linearity		
	Gain (e-/ADU)	Non-Linearity
100 kHz	Low (1): 3.70	<2%
	Med (2): 1.82	
	Hi (3): 0.91	
2 MHz	Low (1): 3.75	<2%
	Med (2): 1.95	
	Hi (3): 1.05	

The camera system was tested by Princeton Instruments technician: Quincy Sanramat