

The CCD camera is an Andor DW436-BV which use an E2V CCD42-40 AIMO back illuminated CCD as detector.

	<b>read out speed</b>			
	<b>31kHz</b>	<b>62kHz</b>	<b>500kHz</b>	<b>1MHz</b>
<b>gain (e<sup>-</sup>/ADU)</b>	0.95	1.9	2.7	2.9
<b>readout noise (e<sup>-</sup>)</b>	3.0	3.0	7.6	10.4
<b>full frame readout time</b>	142s	71s	9s	5s
<b>overscan bias level (ADU)</b>	5	20	360	1790

<b>Horizontal CTE</b>	0.999 999 86 @62kHz 0.999 999 46 @500kHz	
<b>Active Area</b>	2048×2048 pixels	
<b>prescan</b>	50 pixels	
<b>postscan</b>	42 pixels	
<b>pixel size</b>	13.5μm	
<b>full well capacity</b>	100ke <sup>-</sup>	
<b>Dark current</b>	0.001 e <sup>-</sup> /px/sec @ -75°C	