

## **Installing UBVRI Filters in a CFW-8**

October 13, 2004

This Application Note describes how to install the UBVRI Filter Set into your CFW-8 carousel and setup the CCDOps Software with the proper filter names.

## 1. Installing the Filters

Remove the front cover from the CFW-6 with a Philips head screw driver. Pull the filter carousel straight up and out of the CFW-8 housing. Flip the carousel over and remove any existing filters and place them in a protective bag by unscrewing the Filter Cells from the carousel. With the **index pins/tabs pointing down** and the **double tab at 4:00**, install the UBVRI filters as shown in the figure below:



Flip the carousel over and reinstall it in the CFW-8 housing with the index pins/tabs up. If you install it upside down the CFW-8 will spin but never find home. Screw the front cover back on with the Philips heads screws.

## 2. Configuring CCDOps

Open CCDOps then Establish a Link to the Camera. In the **Filter** Menu use the **Filter Setup** command to configure the CFW-8 as shown in the Dialog below:

Dark position: None			
COM Port: COM 1	•		
Filter Names			
Filter <u>1</u> : U Filter <u>6</u> : N/A			
Filter 2: B Filter 7: N/A			
Filter <u>3</u> : V Filter <u>8</u> : N/A			
Filter <u>4</u> : R Filter <u>9</u> : N/A			
Filter <u>5</u> : Filter 1 <u>0</u> : N/A			

Hit the OK button to record your changes. Now use the commands in the Filter menu or the Hot Key Combinations **Ctrl-1** through **Ctrl-5** to select the desired filters.

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							N/A			Ctr	1+6
							N/A			Ctr	1+7
							N/A			Ctr	+8
							N/A			Ctr	1+9
							N/A	8		Ctr	l+0
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