The Imaging Source Helpdesk

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Use WDR / Tone Mapping in IC Capture

S.Geißler - 2024-08-12 - Software for Windows

Set video format to RGB64. Click the "WDR" button.

😰 IC Capture 2.5 - DFK Z30GP031 (41910044) [100%] [live] [30 FPS]			
Eile Device Capture Effects View—Window Help			
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Device DFK Z30GP031 (41910044)			
📰 🕒 💵 🔤 Format AVI			
🗁 🖾 🛛 🖶 🧧 🚰 🖬 🗹 Display Saved Image 🦇 🕔 🛛 Save next image to: B:\Image0001.bmp			

For fine tuning click the "Device" menu and select "Properties".

Choose the "Exposure" tab. Enable all automatics and "Highlight Reduction." Depending on the scene, reduce the "Exposure Auto Reference Value.

Device Properties - DFK Z	30GP031	\times
Color Exposure Imag	e Lens Partial scan Special WDR	
Brightness Contrast		
Gain	0.00 dB 🔶 🗸 Auto	
Exposure	1/64 sec 🔺 🗹 Auto	
Auto Reference	81	
Auto Max Value	1/8 sec 📫 🖌 Auto	
Highlight reduction	✓ Enable	
Update	Default • OK Cancel Apply	

Click on the "WDR" tab and make adjustments:

Device Properties - DFK Z30GP031	×
Color Exposure Image Lens Partial scan Special WDR	
Tone Mapping	
Intensity -0.64	
Global Brightness Factor	
Update Default • OK Cancel App	ly

Switch between these tabs and adjust settings until a good image is shown.