



## Description

Tuneable multi-spectral camera EVK, based on  $\mu$ FPF filter for the NIR spectrum. Camera can be connected via USB cable either to PC or Mobile Phone

## Features

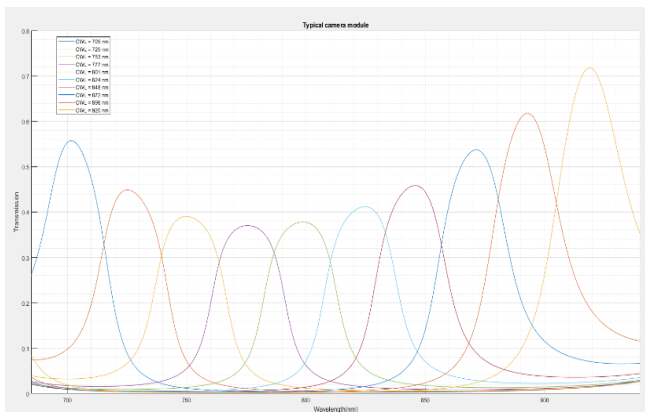
- Plug & Play Connection
- ENVI standard format
- Standard USB interface
- Standard 1/4" mount
- Accesories for mobile assembly

## SW Lib:

- Python/C API for Windows
- Android API

## SW APP:

- App for Windows
- App for Android



## MONARCH II EVK Multi-Spectral Camera

Product cat. No. UNS UNS54000

## Specifications

Specification	Typical value	Comments
<b>Optics</b>		
F/#	4.7	
EFL	4.98 mm	
H-FOV V-FOV D-FOV	31.5° 25.5° 39.8°	
Sensor Resolution	1280 x 1024	
Preview Mode	60 FPS	
Gain	X1 ÷ X10	
Exposure Time	1 ÷ 500 ms	
<b>Filter</b>		
Wavelength FWHM	40nm ± 10	@ Image Center
Spectral Response	690-935nm	
Spectral Band Range	705-920nm	
Spectral Band Accuracy	± 2.5nm	
Angular dependency [nm/deg]	-1.1nm/deg	@ 30° FOV
<b>Electrical</b>		
Input Voltage	5 Vdc	
Power Consumption	<1.6W	peak
Peak Current	0.32 Amp	
<b>Working Conditions</b>		
Operating Temperature	0°-70 °C	
Humidity	<90%	None condensing
<b>Interface</b>		
Working modes	Spectral cube/ Single frame	
Saved Format	ENVI (Raw) & PNG	
<b>Size</b>		
	64x50x18.2mm	

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## Technical Drawings:

