

Datasheet: imec CMV2K SSM4x4 600-860 sensor

Imec sensor part nr.	360-0002-01
Bandpass filter type	round glass designed for in-camera integration
- Diameter	25mm
- Thickness	1mm
Detection range	600 – 860 nm
- Nr of samples	15
Central wavelengths	609.0, 625.6, 648.0, 666.3, 683.9, 700.8, 718.9, 736.6, 754.1, 770.1, 786.2, 802.4, 818.3, 833.1, 849.4
- Max. avg. rel. deviation	±0.8%
- Max. rel. single band deviation	±1.0%
Camera category	snapshot RedNIR
Base imager	AMS CMV2000
- Spatial resolution	2048x1088
- Frame rate	Up to 340 fps
- Pixel pitch	5.5 µm
- Bit depth	8 or 10 bit
Spectral cube resolution	2040x1080x15
Status	Discontinued (October 18, 2023)

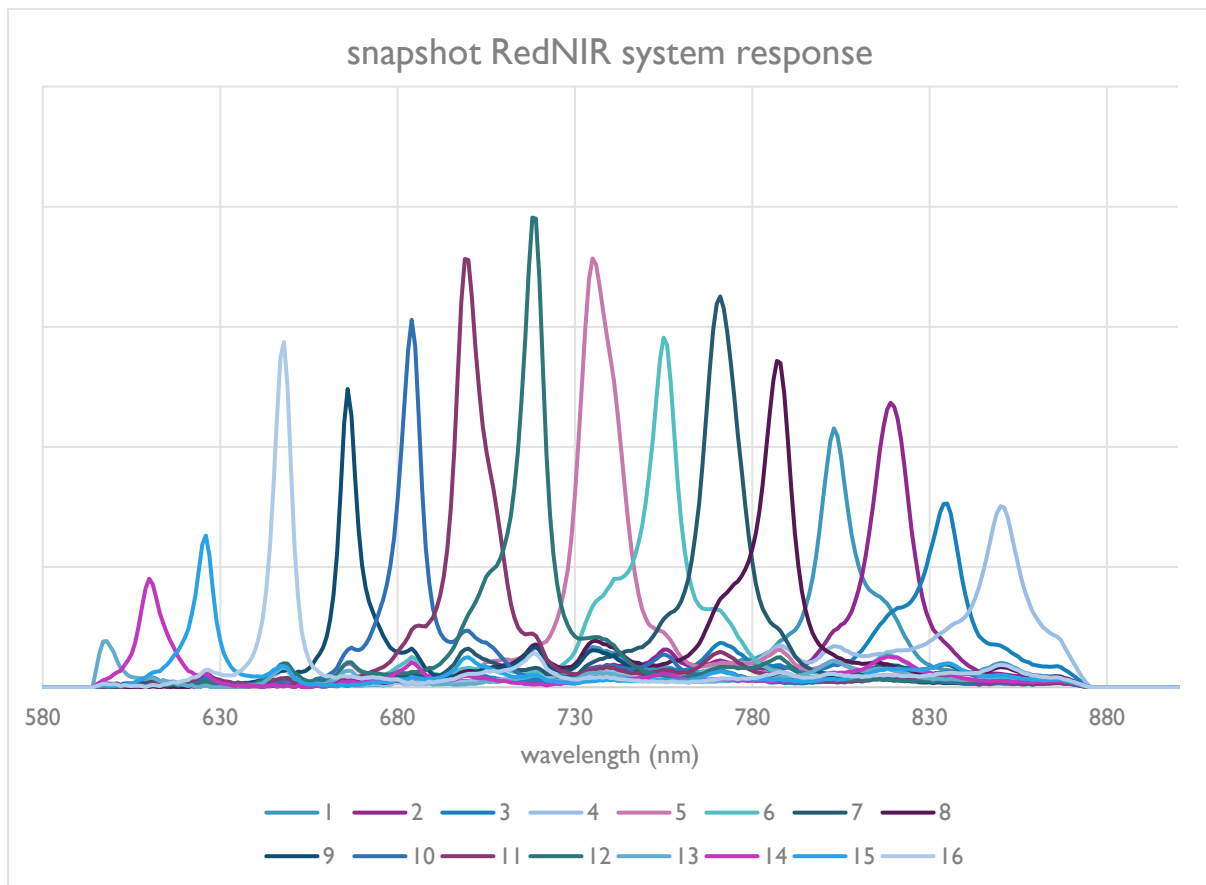


Figure 1. Example of a snapshot RedNIR system response graph

Space qualification:

Our off-the-shelf sensors have not been designed for space applications and did not pass a complete space-qualification process according to f.i. ESCC specification. Contact us for custom sensor development with your specific qualification needs for use in space (export control license requirements may apply).

More information

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