

Agrowing Alpha 7RxxQuad Sensor



8 or 12 Megapixels per Channel

10 Narrow Bands for Full Frame E-Mount

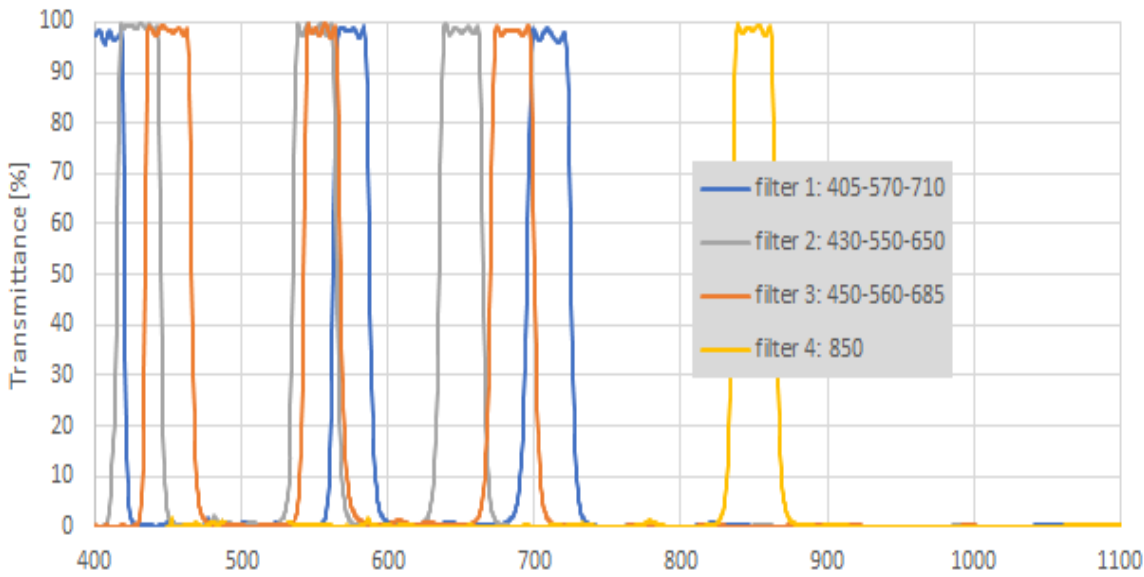
Type	Quad lens single mount	
Spectral Bands	30nm and 22nm wide 405;430;450;550;560;570;650; 685;710;850	
Multi Spectral Chroma Bands Resolution (single lens compound)	8MP (3544x2316 pixels) / 12MP (4300x2800 pixels) per chroma channel with Sony Alpha 7Rii/iii and 7Riv based sensor respectively	
Effective focal length	25mm	
Focus type and range	Manual 2m - infinity	
F number	6.0	
Field of view	Diagonal	45.90
	Horizontal	35.0
	Vertical	26.60
TV distortion	-1%	
Relative illumination	68%	
Iris	fixed	
Lens dimension (ØxLxW)	60x35.2mm	
Lens weight (assessment)	181gr	
Total sensor weight including battery	806g (28.43 oz.) A7rii 846g (29.84 oz.) A7Riv	

August 2021 US10574911B2 Patent; specification may be changed

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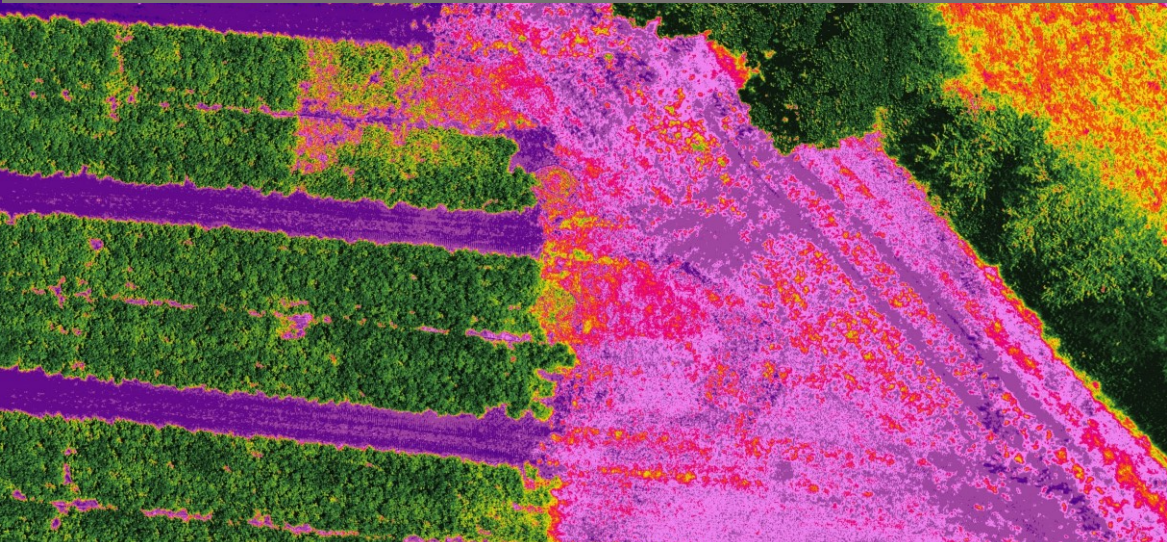
Single lens with 4 dual/triple bands elements

405;430;450;550;560;570
650;685;710;850nm



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Superb NDVI



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Industrial tomatoes multispectral signature

