

# UltraMicro™ Series



- Wavelength range: 330-850 nm.
- Extremely light-weight and compact: 19 g, 23 x 31 x 8.5 mm<sup>3</sup>.
- High sensitivity & low stray light.
- Continuous high-speed exposure mode.
- Proprietary stray light calibration algorithm (0.01%).
- On-board CPU supports optical and color parameter calculation.
- Ideal for low cost ultra small systems.

## Specification

Type	Ultra-Micro Type		Extreme Ultra-Micro Type	
Product Photo				
Model	UM1280		UM1380	UM1390
Sensitivity Enhanced Edition	Model	UM2280	UM2380	UM2390
	Enhancement	2.5 times	2-3 times	
Wavelength Range	V: 380-780 nm V2: 330-850 nm			
Selectable Slits	10 / 25 / 40 / 100 μm			
Resolution	~3/ ~5.5/ ~10 / ~20 nm ~3/ ~6.1/ ~10.5 / ~20 nm (Sensitivity Enhanced)			
SNR	150		200	
Dark Noise	49		75	
Stray Light	1%			
Integration Time	1 ms - 65 s			
Size	39.3 x 43.5 x 10.1 mm <sup>3</sup>	23.2 x 31 x 10 mm <sup>3</sup>	23.2 x 31 x 8.5 mm <sup>3</sup>	
Weight	19 g		13 g	