




# UltraMicro™ Series

## The Best Choice for Portable Handheld Spectrometer System



- 330~850 nm range but only 19 gw & 23 x 31 x 8.5 mm<sup>3</sup>
- Optional Wifi Function
- High Ssensitivity & Low Stray Light
- Support Continuous High-Speed Exposures Mode
- Proprietary Stray Light Calibration Algorithm (Stray light can be eliminated to 0.01%)
- On-board CPU Supporting Optical and Color Parameters Calculation
- Attractive Cost to Implement Ultra-small & Smart Spectrometer 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: 380-780nm V2: 330-850nm			
Selectable Slit	10/ 25 / 40 /100µm			
Resolution	~3/ ~5.5/ ~10 / ~20nm ~3/ ~6.1/ -10.5 / ~20nm(UM2xx0 versions)			
SNR	150	200		
Dark Noise	49	75		
Stray Light	0.5%			
Exposure Time	1ms~65s			
Size(mm <sup>3</sup> )	39.3x43.5x10.1 mm <sup>3</sup>	23.2x31x10 mm <sup>3</sup>	23.2x 31x8.5 mm <sup>3</sup>	
Weight	19g	13g		