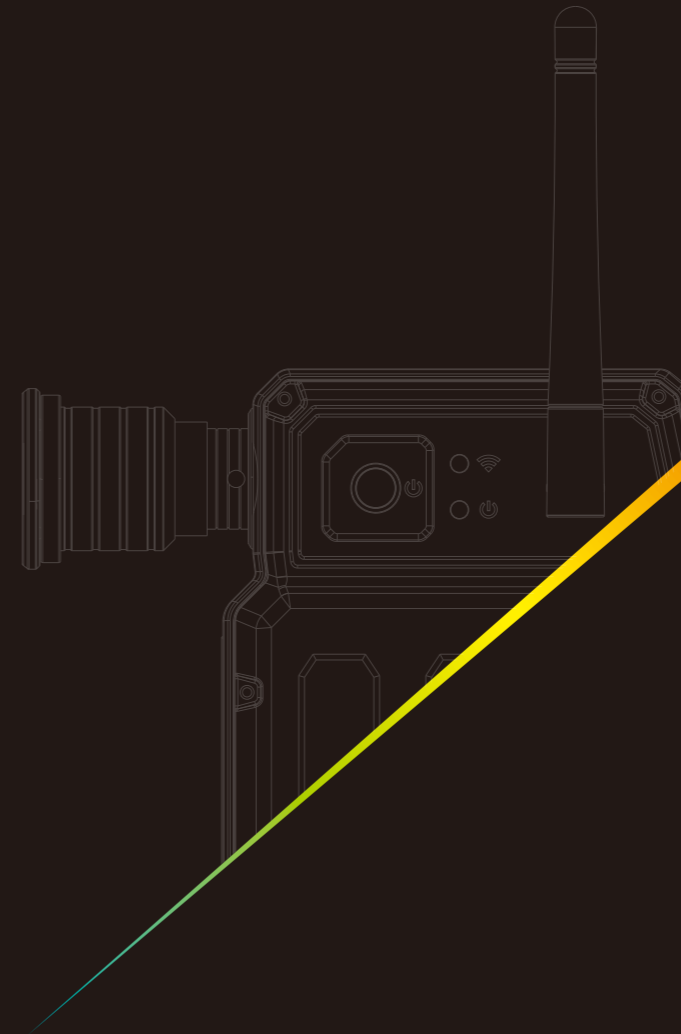




**Apacer**  
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Model	AL200/AL200H*	AL210/AL210H*
Device Measuring Function	Luminance, Correlated Color Temperature (CCT, Duv), Purity, Spectral Radiance, XYZ Tristimulus Values, Peak Wavelength (λP), Peak Wavelength Value (λPV), Color Rendering Index (CRI R1~R15, Ra), Chromaticity Coordinates CIE1931(x,y)/CIE1976(u',v'), Spectrogram (380~780nm)	
Measurement Method	Contact or Distance (within 20mm )	
Measurement Angle	5°	
Measurable Luminance Range	0.05~30000 cd/m <sup>2</sup> (nit)/0.02~10000 cd/m <sup>2</sup> (nit)*	
Repeatability (2σ) (Standard Illuminant A)	Luminance	99% (0.5~30000 cd/m <sup>2</sup> (nit))/0.02~10000 cd/m <sup>2</sup> (nit)*
	Chromaticity	x:0.001 y:0.001
Accuracy (Standard Illuminant A)	Luminance	99% (1~30000 cd/m <sup>2</sup> (nit))/(1~10000 cd/m <sup>2</sup> (nit))*
	Chromaticity	0.001 ( illuminant at least 1 cd/m <sup>2</sup> (nit) or above)
Spectrum Measuring Range	380~780nm	
Spectral Resolution (FWHM)	1.2 nm/3.2nm	
Measuring Time	1ms~24s	
Dimensions (L/W/H)mm	125×34×130mm	125×34×130mm (Main body); 110×10×10mm (WiFi antenna)
Device Calibration	RGB Calibration, Spectrum Calibration	
Gauge Mounting Aperture	M6, ¼ 20UNC	
Weight	400g	460g
Battery Capacity	NA	3350mAh
Operation/Storage Environment	0°C~40°C, <80% RH / -10°C~60°C <70%RH	
Accessories	USB Cable, Crashproof Package	USB Cable, Power Adapter, Crashproof Package
Software Display (ASR)	Luminance, Correlated Color Temperature (CCT, Duv), Purity, Spectral Radiance, XYZ Tristimulus Values, Peak Wavelength (λP), Peak Wavelength Value (λPV), Color Rendering Index (CRI R1~R15, Ra), Chromaticity Coordinates CIE1931(x,y)/CIE1976(u',v'), Spectrogram (380~780nm)	
Software Advanced Functions	Uniformity, Color Gamut (NTSC, AdobeRGB, sRGB, Rec2020), Gamma Correction (255)	
Conneciton Methods	USB, GPIO	USB, GPIO, WiFi
SDK Syntax	Support VC, VB SDK	
Additional Function	Allow Measurement through USB Cable Connecting with ASR Software in PC	



SPECTRORADIOMETER

**Apacer**

Global Presence

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**AL200**  
**AL210**



# SPECTRORADIOMETER



## Lower Luminance Range

- Able to measure lower luminance range: 0.02 cd/m<sup>2</sup>(nit), (H) version



## High Compatibility

- Easily compatible with automated equipments by providing free SDKs



## App Support

- Connects to the App on the mobile phone through WiFi (Only for AL210)



## Multiple Connection Methods

- GPIO/USB
- Wi-Fi(Only for AL210)



## Fast Measurement

- Faster measurement speed: 0.1 nit at 3 Sec



## ASR Software

- Supports Microsoft Windows
- Easy to collect data via computer operation
- Clear illustrations of luminance, chromaticity coordinates, and spectral distribution etc.
- Simple customization is available for QC or production demands

