



# Lighting Passport Pro

## FlagShip Standard



### Specifications



Product Type	Lighting Passport Pro Standard	Lighting Passport Pro FlagShip
Size	Width : 68.5 mm Depth : 17 mm Height : 56 mm	Width : 68.5 mm Depth : 17 mm Height : 189 mm <i>(Includes iPod touch)</i>
Net Weight	79 g ± 1 g	214 g ± 2 g
Wavelength Range	380 ~ 780 nm	
Illuminance Range	Measurable: 5 ~ 50,000 lux	Reliable Chromaticity: 50 ~ 50,000 lux
Output Wavelength Pitch	1 nm	
Optical Resolution (FWHM)	8 nm	
Repeatability (2σ)	x, y : < 0.0005 <i>(In Precision Mode)</i>	
Accuracy <i>(@ 1,000 lux Standard Light Source)</i>	x, y : ± 0.002	Illuminance : ± 3 % CCT : ± 2 %
Flicker Measurement Capability	Range: 5 ~ 200 Hz Accuracy: ± 5 % (Up to 600 Hz @ over 30,000 lux)	
Integration Time	6 ms ~ 16 s	
Operating Temperature/ Humidity Range	0 ~ 35 °C, relative humidity under 80 % with no condensation	
Storage Temperature/ Humidity Range	-10 ~ 45 °C, relative humidity of 85 % or less (@ 35 °C) with no condensation	
APPs	SGM+, SGM, LN, SGT, SGAL, SGS, SGS (Tablet)	

### Applicable Mobile Devices

iOS devices :	Android devices :
Support iOS 10 and above version, including iPhone 5/ 5C/ 5S/ 6/ 6+/ 6S/ 6S+/ SE/ 7/ 7+/ 8/ 8+/ X, iPad mini2/ mini3/ mini4, iPad Air/ Air 2, iPod touch 6 and later version.	Support Android 5.0 and above version with BT4.0 (BLE, Bluetooth Low Energy) module. The UI display will be slightly different because of the size of the device screen.

## NEW Spectrum Genius Mobile Plus / Spectrum Genius Mobile



### APP Functions

Blue Mark : SGM+ Only  
Bottom Line : In-App Purchases

[asenetek](http://asenetek.com)

Please go to APP Store or Google Play, then search "asenetek," download and install the applicable APP.

APP Type	Spectrum Genius Mobile Plus (SGM+)	Spectrum Genius Mobile (SGM)
Measurement Mode	Single, Multiple, Continuous, Subtract Background	
Cloud Features	Sync Service, Cloud Sharing	N/A
Measurement Capability	CCT Duv CIE 1931 CIE 1976 Spectrum IEC-SDCM C78.377-2008 CRI Ra (R1~R8) CRI Re (R1~R15)	R1 ~ R15 CQS TLCI (Qa) Gamut Area Index (GAI) Illuminance NEW Melanopic Lux NEW Circadian stimulus (CS) Foot Candle PPFD (400~700 nm)
Key Features	Record Search, Multiple Photograph, Quick View, Records Privacy Setting, Record Tag Setting, Multiple Records Sharing/ Deletion, Spectrum Classification Setting Automatically Record Temperature & Humidity, Photograph, Data Filter, Note, Auto Connection, Auto Dark Calibration, Data Comparison, GPS Orientation, Social Media Integration	Automatically Record Temperature & Humidity, Photograph, Data Filter, Note, Auto Connection, Auto Dark Calibration, Data Comparison, WiFi Transfer, GPS Orientation, Social Media Integration, Smart Pass, Migrate
Language	English, German, Traditional Chinese, Simplified Chinese <i>(progressive increasing)</i>	English, Traditional Chinese, Simplified Chinese, Japanese, German, French, Spanish, Italian, Turkish, Russian

ASENETEK reserves the right to modify the specification of its products without prior notice. Please check the official website for updates.