


Software	 Spectrum Genius GateKeeper	
Measurement Mode	<i>Single, Multiple</i>	
Measurement Capability	CCT	TLCI(Qa)
	Duv	GAI
	CIE 1931	Illuminance
	CIE 1976	Foot Candle
	C78.377-2008	PPFD
	IEC-SDCM	λ_p
	CRI (Ra)	λ_D
	CRI (Re)	Purity
	R1 ~ R15	SP ratio
	CQS	TM-30-15
Key Features	(1) Multi CIE 1931 Display	(7) Zoom In/Out
	(2) Multi CIE 1976 Display	(8) Normalized Spectrum
	(3) Multi Spectrums Display	(9) Light Source Benchmark
	(4) Multi C78.377-2008 Display	(10) Print Report (Company's Logo)
	(5) Multi IEC-SDCM Display	(11) TM-30-15 Diagram
	(6) Coordinates Display	(12) Q1~Q15

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

Lighting Passport GateKeeper™



Ingress Protection



Easy Installation



Semi-Automatic



Multiple Control



Flexible Development



Data Filter



.CSV Output



Print Report



PC Control



Precision Mode

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Approval, Acceptance, Analysis

All In One Step!!

Lighting Passport Gatekeeper

Lighting Passport Gatekeeper is a powerful spectrometer designed for quality control and batch testing in lighting production line. It allows people a simple and easy way of getting Quality Control, Quality Assurance, Yield Rate Analysis, and fast-and-detailed Inspection Report.

Lighting Passport Gatekeeper has the industrial level of structure and durability, and a wider illuminance measurement range for different measurement requirements (20 lux ~ 200,000 lux).

With **Spectrum Genius Gatekeeper**, it will be the best manufacturing reporter and quality analyzer in your production line. By customizing your own filters, the software helps analyze large amounts of test results per the preset filter conditions. It easily turns it up a notch for your enterprise to excel in the intense and competitive markets.

Product Features

Industrial Grade Design
Stronger & More Durable

Industrial Connector
Speedier & Steadier

Industrial Software UI
More Practical & User-Friendly



Gatekeeper



PC



Specifications

V1AEH31

Product Type	GateKeeper
Size	Width : 110 mm Depth : 29 mm Height : 65 mm
IP Code	IP 54
Net Weight	350 g ± 1 g
Wavelength Range	380 ~ 780 nm
Illuminance Range	Measurable: 20~ 200,000 lux Reliable Chromaticity: 200 ~ 200,000 lux
Output Wavelength	1 nm
Optical Resolution (FWHM)	8 nm
Repeatability (2σ)	x, y : < 0.001
Accuracy (@ 10,000 lux Standard Light Source)	x, y : ± 0.002 Illuminance : ± 3 % CCT : ± 2 %
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

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