

Avantes AvaSpec SDK



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General

Model Number:
AvaSpec-DLL

Note:
Shipped on a USB Drive. Supports Visual Basic
.NET, Visual C++, Visual C#, C++ Builder, Delphi,
LabView, and Matlab

Hardware & Interface Connectivity

Operating System:

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- Back-Thinned CCD or CMOS Sensors with High Sensitivity and Dynamic Range
- Interchangeable Slit Kit Included for Fast Throughput and Resolution Customization
- Irradiance Calibration Package with Interchangeable Fiber-Coupled Cosine Corrector Available

Avantes Interchangeable Slit Compact Spectrometers feature high sensitivity, dynamic range, and responsivity from the UV to the NIR. Features include USB3.0 and Gigabit Ethernet connectivity, electronic shutter, and onboard processor and memory. Digital I/O ports control instrument triggering and synchronization functions. An included set of 4 interchangeable entrance slits at widths of 25, 50, 100, and 200µm facilitate fast configuration of signal throughput and resolution. An optional NIST traceable irradiance calibration package includes an FC/PC-keyed fiber-coupled cosine corrector and a 100µm wide slit. Avantes Interchangeable Slit Compact Spectrometers include software with advanced data collection and analysis functions, and an optional software development kit is sold separately.

Note: [0.22 NA fiber patch cord](#) is recommended, sold separately. The Irradiance Calibration Package is built-to-order and usually ships within 5 business days. Do not remove cosine corrector from its fiber as it voids the calibration.
