



PRESS RELEASE

The SR-8800 field spectroradiometer – control with your iPhone, Android device or tablet for real-time remote sensing measurements including BRDF.

Lawrence, MA – September 13, 2018 – The SR-8800 field spectroradiometer is a full range (350-2500nm) high resolution/high sensitivity system including an Internet of Things (IoT) operating system that allows you to operate the system by iPhone, Android device, or tablet. In combination with our new *Sensa/Tilt* pistol grip probe, researchers can access and store more important field data in addition to their scans, including:

- A picture of the exact sample Field of View that you want to scan
- The angle of the scan
- The sun height angle
- The GPS location

The SR-8800 uses its IoT operating system to control the pistol grip functionality so that any user can get consistent scans. The IoT uses a WiFi network accessed by an Android device, iPhone or tablet for controlling the system and downloading data stored on the instrument.

The SR-8800 with the *Sensa/Tilt* pistol grip probe provides feedback as you are scanning: showing you a picture of the area you have targeted, indicating when the pistol grip probe angle is at nadir, noting the angle of the sun and providing your GPS location – all so you can take the exact scan you require.

With the pistol grip probe, the SR-8800 is ideal for bidirectional reflectance distribution function (BRDF) measurements in the field, for example to model surface albedo. It can also be used for vicarious calibration.

The SR-8800 runs on lithium-ion batteries for a full day of scanning. The instrument is equipped with a custom backpack for field use. The system is available with a range of FOV lenses for the *Sensa/Tilt* pistol grip probe to meet various application requirements.

For more information, visit:

<https://spectralevolution.com/products/hardware/field-portable-spectroradiometers-for-remote-sensing/sr-8800/>

About SPECTRAL EVOLUTION

Established in 2004, SPECTRAL EVOLUTION is a leading manufacturer of laboratory and handheld portable spectrometers, spectroradiometers and spectrophotometers. SPECTRAL EVOLUTION spectrometers are used worldwide for many mission-critical lab and field applications in mining, remote sensing, vegetative studies, ground truthing, environmental and climate studies, developing satellite calibrations, and more, due to their reliable, robust, rugged design and user-friendly one-touch features.

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