Color to Go

SpectroPocket™ for Android™ is the World's first Solution for Measuring Color with Smartphones and Tablet Computers. The all new SpectroPocket solution measures single color patches on different substrates using commercially available spectro-photometer and displays the recorded color values on any mobile Android device.

Color on the Road

Prior to the release of the all new SpectroPocket, PC hardware and operating systems such as MS Windows or Mac OS restricted flexibility and mobility when measuring color. The introduction of Digital Information's SpectroPocket for Android represents a great stride in the portability and functionality of color measurement technology. For the first time, it is possible for smartphones or tablet computers to connect directly to scanning spectro-photometers via an external USB interface. Users can now measure color virtually anywhere with lightweight equipment – on-site at a customer facility, in the office, at the laboratory, on press – or, wherever your business takes you.

Hardware and Software

SpectroPocket for Android is a compact, portable, box-shaped device with integrated software and rechargeable USB battery which connects directly to the spectral measuring device via USB.

Communication between the Spectro-Pocket and the mobile Android device is transferred via Bluetooth technology. Spectral values are then interpreted and displayed on the Android smartphone or tablet computer using an Android App.

All display modes necessary can be viewed on the Android device: spectral remission values as figures and curves, as well as LAB, density, XYZ and RGB values. Color differences between two measurements are shown as Delta E.

Color to Go: The SpectroPocket Box and Android.

Perfect color densities derived from spectral measurements are calculated by the BestMatch function. For further use on the web or in the Cloud, the entire series of measurements can be easily exported or imported as standard CxF™ (Color Exchange Format) format files, or transmitted to another Android device. Currently, SpectroPocket for Android supports the i1Pro™ i1Pro 2, and ColorMunki™ Design scanning spectrophotometers from X-Rite.

The cost-effectiveness of purchasing the complete SpectroPocket for Android solution bundle including the SpectroPocket hardware and software, supported spectrophotometer, Android-enabled device, and SpectroPocket App represents a significant savings over the purchase of far more costly portable measuring instruments currently available on the market.

Android and Web

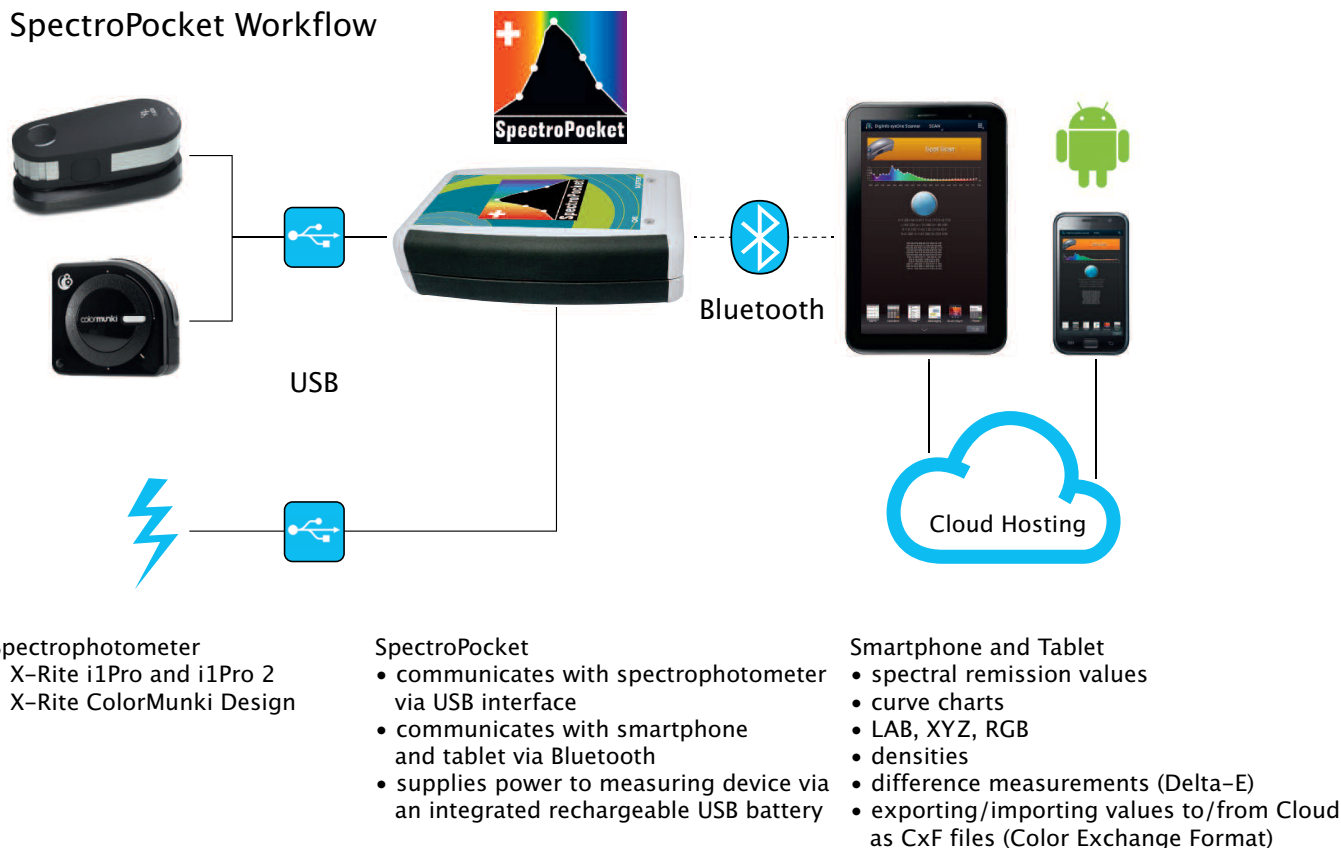Looking ahead, Digital Information will

The SpectroPocket Box communicates via USB and Bluetooth.

be launching SpectroPocket Report, an Internet-based database. Evolving from Digital Information's world-class InkZone Report, SpectroPocket Report is a color database developed to enable customers to view and manage the col-

Technical Specifications

- Supports i1Pro, i1Pro 2 and ColorMunki Design from X-Rite via USB
- Runs on Android from version 4.1
- Delta E calculated from CIE 1976, CIE 2000, CIE 1994 and CMC 2:1

SpectroPocket Workflow

Bluetooth

USB

Cloud Hosting

Spectrophotometer
- X–Rite i1Pro and i1Pro 2
- X–Rite ColorMunki Design

SpectroPocket
- communicates with spectrophotometer via USB interface
- communicates with smartphone and tablet via Bluetooth
- supplies power to measuring device via an integrated rechargeable USB battery

Smartphone and Tablet
- spectral remission values
- curve charts
- LAB, XYZ, RGB
- densities
- difference measurements (Delta–E)
- exporting/importing values to/from Cloud as CxF files (Color Exchange Format)

Data communication between spectrophotometer, SpectroPocket and mobile Android devices.