

Popular Remote Sensing Packages

Package 1 - NDVI for Weed Cover Mapping or Crop Density

SpectroSense2 Package

2 x SKR 1800/SS2 2-channel sensors
 Channel 1 - 650nm (10nm bandwidth)
 Channel 2 - 800nm (10nm bandwidth)
 1 x SKL 925 SpectroSense2+ meter/logger with GPS
 1 x SKL 910 NDVI pole & carrying case

Order code: NDVI/SS2

DataHog2 Package

2 x SKR 1800/I 2-channel sensors
 Channel 1 - 650nm (10nm bandwidth)
 Channel 2 - 800nm (10nm bandwidth)
 1 x SDL 5200 DataHog2+ Datalogger
 1 x SKM 226/NDVI Pole mount for sensors
 1 x SKM 225 Pole mount for DataHog

Order code: NDVI/DH2

Package 2 - PRI Systems

SpectroSense2 Package

2 x SKR 1800/SS2 2-channel sensors
 Channel 1 - 531nm (5 or 10nm bandwidth)
 Channel 2 - 570nm (5 or 10nm bandwidth)
 1 x SKL 925 SpectroSense2+ meter/logger with GPS
 1 x SKL 910 NDVI pole & carrying case

Order codes: PRI/10nm/SS2 **OR** PRI/5nm/SS2

DataHog2 Package

2 x SKR 1800/I 2-channel sensors
 Channel 1 - 531nm (5 or 10nm bandwidth)
 Channel 2 - 570nm (5 or 10nm bandwidth)
 1 x SDL 5200 DataHog2+ Datalogger
 1 x SKM 226/NDVI Pole mount for sensors
 1 x SKM 225 Pole mount for DataHog

Order codes: PRI/10nm/DH2 **OR** PRI/5nm/DH2

Package 3 Ground Truth for AVHRR Satellite

SpectroSense2 Package

2 x SKR 1800/SS2 2 channel sensors
 Channel 1 - 570-680 nm
 Channel 2 - 725-1050 nm
 1 x SKL 925 SpectroSense2+ meter/logger with GPS
 1 x SKL 910 NDVI pole & carrying case

Order code: AVHRR/SS2

DataHog2 Package

2 x SKR 1800/I 2-channel sensors
 Channel 1 - 570-680nm
 Channel 2 - 725-1050nm
 1 x SDL 5200 DataHog2+ Datalogger
 1 x SKM 226/NDVI Pole mount for sensors
 1 x SKM 225 Pole mount for DataHog

Order code: AVHRR/DH2

Package 4 Ground Truth for Landsat Satellite

SpectroSense2 Package

2 x SKR 1850/SS2 4 channel sensors
 Channel 1 - 450-500 nm
 Channel 2 - 500-600 nm
 Channel 3 - 650-700nm
 Channel 4 - 775-900nm
 1 x SKL 925 SpectroSense2+ meter/logger with GPS
 1 x SKL 910 NDVI pole

Order code: Landsat/SS2

DataHog2 Package

2 x SKR 1850/I 4-channel sensors
 Channel 1 - 450-500 nm
 Channel 2 - 500-600 nm
 Channel 3 - 650-700nm
 Channel 4 - 775-900nm
 1 x SDL 5400 DataHog2+ Datalogger
 1 x SKM 226/NDVI Pole mount for sensors
 1 x SKM 225 Pole mount for DataHog

Order code: Landsat/DH2

Package 5 Ground Truth for MODIS Satellite

SpectroSense2 Package

2 x SKR 1850/SS2 4 channel sensors
 Channel 1 - 450-480 nm
 Channel 2 - 540-565 nm
 Channel 3 - 625-680nm
 Channel 4 - 835-890nm
 1 x SKL 925 SpectroSense2+ meter/logger with GPS
 1 x SKL 910 NDVI pole & carrying case

Order code: MODIS/SS2

DataHog2 Package

2 x SKR 1850/I 2-channel sensors
 Channel 1 - 450-480 nm
 Channel 2 - 540-565 nm
 Channel 3 - 625-680nm
 Channel 4 - 835-890nm
 1 x SDL 5400 DataHog2+ Datalogger
 1 x SKM 226/NDVI Pole mount for sensors
 1 x SKM 225 Pole mount for DataHog

Order code: MODIS/DH2

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*please ask about other
 wavelengths &
 combinations*



Land-based Systems for Remote Sensing

The System

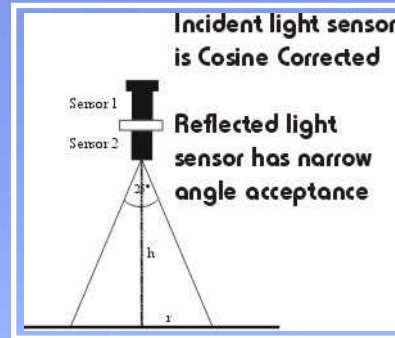
2 or 4 channel sensors for required wavelengths



Sensors mounted for measuring incident & reflected light



The Principle



SpectroSense2+ with GPS for mapping



DataHog2 for long-term logging



The Location

On the Ground
Ground Truth Studies



On Flux Towers
PRI / NDVI studies



On Light Aircraft
Scaling Up



Precision Agriculture
On UAVs.....On Tractors

