

FOCUS DATA COLLECTOR MODEL 2

The Spectra Geospatial® FOCUS® data collector model 2 is an attachable controller designed to run field software for surveying.



For enhanced security, it is recommended that you set a PIN, Password or Pattern on the device before field use.

The FOCUS data collector model 2 can be attached to a Spectra Geospatial FOCUS 50 total station, or it can be used with a Robotic Holder Model 2 or Docking Station Model 2.



IN THE BOX



- 1 FOCUS data collector model 2, including screen protector
- 2 Docking Station Model 2
- 3 Stylus with tether cord and extra tip
- 4 Power supply
- 5 Declaration of Conformity
- 6 Warranty Activation Card
- 7 Quick Start Guide/Regulatory Information Document
- 8 Hirose-to-USB (PC) cable
- 9 Hirose-to-USB stick cable

FOCUS DATA COLLECTOR MODEL 2 FEATURES

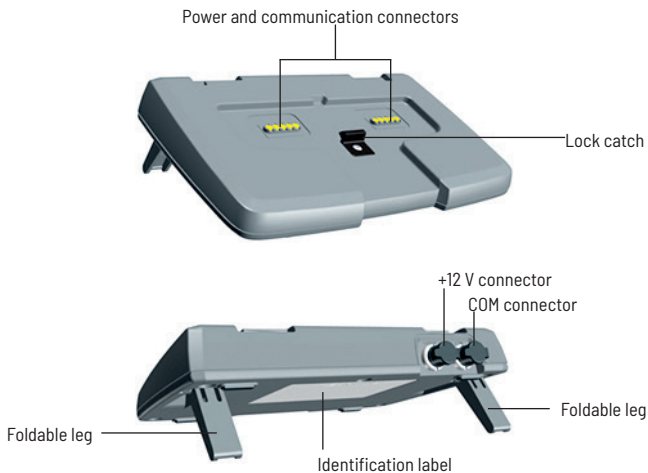


FOCUS DATA COLLECTOR MODEL 2 SPECIFICATION

Power rating	
Power input	12 V DC, <5 W
Environmental specification	
IP Classification / dust and water proofing	IP 65
Operating temperature range	-20 °C to +50 °C (-4 °F to +122 °F)
Humidity	95%, non-condensing

For further specifications, refer to the FOCUS data collector model 2 data sheet available from www.spectrageospatial.com.

DOCKING STATION MODEL 2 FEATURES



DOCKING STATION MODEL 2 SPECIFICATION

Power rating

Power input

12 V DC, <5 W

TETHERING THE STYLUS



POWER SUPPLY

⚠ CAUTION – The power supply for the FOCUS data collector model 2 (Docking Station Model 2) is intended for indoor use only and shall not be exposed to moisture or liquids.

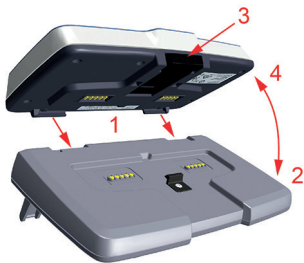
OPERATION OF THE FOCUS DATA COLLECTOR MODEL 2

To operate the FOCUS data collector model 2 it must be attached to a FOCUS 50 total station, a Docking Station Model 2, or to a Robotic Holder Model 2 for power supply.

⚠ CAUTION – If the equipment is used in a manner not specified by Spectra Geospatial, the protection provided by the equipment may be impaired.

ATTACHING TO THE DOCKING STATION MODEL 2

1. Hook the catches in place on the Docking Station Model 2.
2. Push towards the Docking Station Model 2 until it locks in place.



REMOVING FROM THE DOCKING STATION MODEL 2

1. Push the lock release to unlock from the Docking Station Model 2.
2. Remove from the Docking Station Model 2.

CONNECTING THE DOCKING STATION MODEL 2

To computer via the Hirose to USB cable or to memory stick via the Hirose-to-USB stick cable.



POWER ON/OFF

Press the power key to start the FOCUS data collector model 2. To shutdown the FOCUS data collector model 2, press and hold the power key. Select **Power off** from the menu.

REGULATORY INFORMATION

INFORMATION ABOUT INCLUDED RADIO MODULES

The FOCUS data collector model 2 contains a Bluetooth® wireless technology radio and Wi-Fi module.

SX-SDMAC-2830S	Frequency band	Output power
Bluetooth 2.4 GHz	2400 MHz-2483.5 MHz	< 4 dBm eirp
Wi-Fi 2.4 GHz	2400-2483.5 MHz	< 20 dBm eirp
Wi-Fi 5.0 GHz	5150-5350 MHz, 5470-5725 MHz	< 14 dBm eirp

SPECIFIC ABSORPTION RATE (SAR) SIMULTANEOUS TRANSMISSION

- SAR10g(W/kg) in Body-Worn Configuration: 1.44
- SAR10g(W/kg) in Limb Configuration: 1.44

NOTICE TO OUR EUROPEAN CUSTOMERS

For product recycling instructions, please go to:
www.spectrageospatial.com/weee-and-rohs/



USA

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier

Spectra Geospatial FOCUS data collector model 2
Trimble Docking Station Model 2

Responsible Party


Spectra Geospatial
10368 Westmoor Drive
Westminster CO 80021
USA
www.spectrageospatial.com

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 **CAUTION** – Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CANADA

This Class B digital apparatus complies with Canadian ICES-003.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB.003 du Canada.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :


1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SAFETY INFORMATION

Before using the FOCUS data collector model 2, Docking Station Model 2 and power supply, make sure that you have read and understand this document, as well as all equipment and job site safety requirements.

ADDITIONAL INFORMATION

The original document is written in English. All documents in other languages are translations from the original English document. For more information and information in other languages, www.spectrageospatial.com.

 **CAUTION** – Please read the full user guide including all safety warnings, before operating this product.



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