idChamp **RS3**

series

Quick Start Guide

*Please note that not all micro-USB connectors are compatible with the idChamp RS3 reader! If you have a micro-USB cable from a source other than Serialio.com, and the charge light on your idChamp RS3 reader does not illuminate when you plug it in, *do not use force*! Charging cables are available from Serialio.com at serialio.com/products/parts-and-accessories/cables-adapters .*

Device Specifications – idChamp RS3 RFID Reader

Physical Characteristics

- Dimensions: 100.90 x 51.40 x 22.25 mm (3.972 x 2.02 x 0.876 in)
- Weight (1500MAh battery model): 113 grams (4 oz)

Power Source

- Internal rechargeable Lithium-Polymer battery 3.7VDC
- Charge time from complete discharge: about 4 hours (1500mAh model)
- Number of charge cycles: about 500
- Expected Battery Life with scanning frequency every 2 seconds:
    - PROX HID: over 12 hours
    - NFC-HF: about 12 hours
    - iCLASS: about 10 hours

Bluetooth

- Class 2 radio with *Bluetooth* (1.2) wireless technology has a maximum range of 30ft (10 m)
- HS and HSE models support *Bluetooth* Serial Port profile (SPP) and *Bluetooth* Human Interface Device (HID). HSE and LE models support *Bluetooth* Smart aka Bluetooth 4.0 Low Energy (BLE)

Operating Temperature

- 0 to 50 °C (32 to 122 °F)

Warranty

- One Year

For advanced setup instructions, please see serialio.com/support/Scanner/idChamp/idChamp-RS3_Setup.php

Setting up the idChamp RS3 RFID reader with an iOS device (HID mode)
Note: The default mode of the idChamp RS3 RFID reader is HID mode.
See advanced setup instructions at the link at the bottom of this page to change modes.

1. **Charge** – Connect the idChamp RS3 reader to a powered USB port to charge*. When power is correctly applied, the charge indicator LED light will be red when charging and green when fully charged.

2. **Power on** – To turn the reader on, press and hold the power button on the idChamp until the LEDs flash.

3. **Turn on Bluetooth on iOS device** – Open up the settings app on the iOS device, select "Bluetooth" (or, if using iOS 5 or earlier, "General" > "Bluetooth"), and turn Bluetooth on.

4. **Pair** – The iOS device should begin scanning for Bluetooth devices. Tap the idChamp RS3 reader when it displays. The iOS device should then display the idChamp RS3 reader's status as "Connected."

   Congratulations! Your idChamp RS3 RFID reader is now connected and ready for use. Use it to scan data into any application that accepts keyboard input.

Setting up the idChamp RS3 RFID reader with an Android device (SPP mode)

1. **Charge** – Connect the idChamp RS3 reader to a powered USB port to charge. When power is correctly applied, the charge indicator LED light will be red when charging and green when fully charged.

2. **Set switches to SPP mode** – Open the idChamp RS3 reader, and make sure that the switches are set for SPP mode.

3. **Power on** – To turn the reader on, press and hold the power button on the idChamp until the LEDs flash.

4. **Turn on Bluetooth on Android device** – Open the Android settings app, and turn Bluetooth on.

5. **Pair** – Tap "Scan for devices," and tap the idChamp RS3 reader when it displays. You will be asked to confirm the passkey – tap "Accept" to pair the idChamp RS3 reader (the idChamp RS3 reader uses Secure Simple Pairing, so entering a PIN is not needed).

   Congratulations! Your idChamp RS3 RFID reader is now connected and ready for use.

Setting up the idChamp RS3 RFID reader with Bluetooth Smart (BLE)

1. **Charge** – Connect the idChamp RS3 reader to a powered USB port to charge. When power is correctly applied, the charge indicator LED light will be red when charging and green when fully charged.

2. **Set switches to BLE mode** – Open the idChamp RS3 reader and make sure that the switches are set for BLE mode.

3. **Power on** – To turn the reader on, press and hold the power button on the idChamp until the LEDs flash.

4. **Turn on Bluetooth on mobile device** – Open the Android or iOS Settings app and turn on Bluetooth.

5. **Pair** – Open your BLE compatible app and connect the idChamp RS3.

   Congratulations! Your idChamp RS3 RFID reader is now connected and ready for use.

   Note: To remove the idChamp RS3 RFID reader's current stored pairing, turn on the reader, and hold down the power button for 5 seconds to take the reader through a full power cycle. This process will only function on HS and HSE models using Blueooth Keyboard mode.

For advanced setup instructions, please see serialio.com/support/Scanner/idChamp/idChamp-RS3_Setup.php