

## Technical Sheet

| Name                           | Blue Connect Plus                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand                          | Blueriiot                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer                   | Riiot Labs                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reference                      | 71663                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimensions                     | 253 mm x 96 mm                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight                         | 714 g                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Colors                         | Blue (plastic)<br>Blue (rubber)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Box content (see below)        | 1 x Blue Connect<br>1 x Rubber cap<br>1 x Fixing rope<br>1 x Blue Fit50<br>1 x Quick start guide                                                                                                                                                                                                                                                                                                                                                            |
| Protection Standard            | IPx8 standard                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sensor                         | 4-in-1 sensor<br>pH:<br>Measuring range: 0 to 14<br>Accuracy: $\pm 0.1$<br>Resolution: 0.1<br>Temperature:<br>Measuring range: 5 to 50° C<br>Accuracy: $\pm 0.2^{\circ}\text{C}$<br>Resolution: $0.1^{\circ}\text{C}$<br>Redox/ORP (gold):<br>Measuring range: 0 to 999 mV<br>Accuracy: $\pm 20\text{mV}$<br>Resolution: 1 mV<br>Conductivity:<br>Measuring range: 250 to 15,000 $\mu\text{S/cm}$<br>Accuracy: $\pm 10\%$<br>Resolution: 1 $\mu\text{S/cm}$ |
| Power supply                   | Replaceable Lithium Thionyl Chloride battery<br>Lifetime: 24 months                                                                                                                                                                                                                                                                                                                                                                                         |
| Connectivity                   | Bluetooth Low Energy® (BLE), Sigfox®                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sigfox radio configuration     | RC1 868 MHZ<br>Check the countries compatibility: <a href="https://build.sigfox.com/sigfox-radio-configurations-rc">https://build.sigfox.com/sigfox-radio-configurations-rc</a>                                                                                                                                                                                                                                                                             |
| Nominal voltage                | 3,6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Warranties                     | Blue Connect: 2 years<br>Sensor: 2 years<br>Battery: 1 year                                                                                                                                                                                                                                                                                                                                                                                                 |
| Certifications                 | CE ( <a href="http://blueriiot.com/legal">blueriiot.com/legal</a> )                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating system (application) | iOS, Android (minimum required iOS 9.0 and Android 4.3)<br>Bluetooth (minimum required 4.0 Bluetooth)                                                                                                                                                                                                                                                                                                                                                       |
| Application Languages          | English, French, Spanish, Dutch, German, Italian, Portuguese, Czech, Swedish, Catalan, Polish.                                                                                                                                                                                                                                                                                                                                                              |

