

**Bluelab Guardian Monitor Connect technical specifications**

<b>Specifications</b>	<b>pH</b>	<b>Conductivity</b>	<b>Temperature</b>
<b>Measurement Range</b>	0.0 – 14.0 pH	0 – 5.0 EC, 0 – 50 CF, 0 – 2500 TDS (ECx500), 0 – 3500 ppm (ECx700)	0 – 50 °C 32 – 122 °F
<b>Resolution</b>	0.1 pH	0.1 EC, 1 CF, 10 TDS, 10 ppm	1 °C 1 °F
<b>Accuracy at 25 °C/77 °F</b>	±0.1 pH	±0.1 EC, ±1 CF ±50 TDS, ±70 ppm	±1 °C ±2 °F
<b>Calibration</b>	Two point (pH 7.0 and pH 4.0 or pH 10.0)	Not required (factory calibrated)	Not required (factory calibrated)
<b>Automatic Temperature Compensation</b>	Yes (if conductivity/temperature probe is in same solution as pH probe)	Yes	-
<b>Operating Environment</b>	0 – 50 °C / 32 – 122 °F		
<b>Power Source</b>	Input: 100-240 Vac, 50-60 Hz, 5 VA, 4 interchangeable plug types (USA, Euro, UK, NZ/AUS) Output: 5VDC 1Amp		
<b>Signal Range</b>	Indoor / Urban: 66 feet / 20 meters Outdoor / RF line-of-sight: 164 feet / 50 meters		
<b>Frequency Band</b>	2.4 GHz ISM		
<b>System Requirements</b>	Microsoft Windows XP or greater for Bluelab Connect Software. Internet connection for remote access & data-logging to the cloud		
<b>Certs</b>	CE, FCC, IC. Contains Model XBEE2 Radio, IC: 4214A-XBEE2, FCC ID: OUR-XBEE2		
<b>User Manual Languages Available</b>	English		