

**Bluelab Guardian Monitor Connect technical specifications**

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