

# AirLink™ Air Quality Sensor



7210 7210EU  
7210UK 7210USB

AirLink air quality sensor uploads indoor or outdoor air quality data directly to the WeatherLink Cloud via Wi-Fi. It can be used as a stand-alone sensor, or added to your Vantage Pro2, WeatherLink Live or EnviroMonitor system. It can be mounted indoors on a flat surface such as a counter or table top, or on a wall using the included mounting bracket. It can also be used in a protected outdoor location with the included sensor cover.

AirLink measures airborne particulate matter (PM) by shining a laser through the air. Particles in the air reflect the laser and the sensor uses the reflection to determine the number and size of particles.

## General

Operating Temperature	+14°F to +140°F (-10°C to +60°C)
Storage Temperature	-40°F to +176°F (-40°C to +80°C)
AC Adapter (not included with 7210USB)	5VDC, 1000mA
Current Draw	Average: 100mA; Peak: 500mA
Housing Material	Rugged ABS Plastic
Dimensions (height x width x depth)	
Sensor Housing	2" x 3.5" x 1" (5.1 cm x 8.9 cm x 2.5 cm)
Optional Outside-Use Cover	4" x 4.5" x 1.5" (10.1 cm x 11.4 cm x 3.8 cm)
Weight	
Sensor Only	3.7 oz (106 g)
Sensor with Mounting Bracket	4.3 oz (121 g)
Sensor with Bracket & Outside-Use Cover	6.5 oz (183 g)
Wi-Fi Frequency Range	
US Models	2412-2462 MHz, 802.11b/g/n
EU/UK/USB Models	2412-2472 MHz, 802.11b/g/n
BLE Frequency Range	2402-2480 MHz

## Sensors

### Particulate Matter

Particle Range of Measurement	0.3 ~ 1.0 µm; 1.0 ~ 2.5 µm; 2.5 ~ 10 µm
Particle Resolution	1 µg/m <sup>3</sup>
Accuracy	±10 µg/m <sup>3</sup>
Update Interval	1 minute

### Inside/Outside Relative Humidity

Resolution and Units	0.1%
Range	0.1% to 100% RH
Accuracy	±2%
Update Interval	1 minute

### Inside/Outside Temperature

Resolution and Units	Current Data: 0.1°
Range	-40° to +140°F (-40° to +60°C)
Accuracy	±0.5°F (±0.3°C) (typical)
Update Interval	1 minute

## Package Dimensions

Product #	Package Dimensions (Height x Width x Depth)	Package Weight	UPC Codes
7210	8.0" x 5.38" x 2" (20.32 cm x 13.67 cm x 5.08 cm)	14.1 oz. (0.40kg)	011698014262
7210EU		14.4 oz. (0.41kg)	011698014279
7210UK		14.4 oz. (0.41kg)	011698014286
7210USB		13.1 oz. (0.37kg)	011698014293