



AJAX

Air quality monitor

LIFEQUALITY-W

technical datasheet

MONITOREO (LIFEQUALITY)

sensors	Carbon dioxide / Temperature / Humidity
CO2 measuring range	400ppm ~ 5.000ppm
CO2 evaluation level	Normal: up to 1,000ppm / Medium: 1,000 to 1,400ppm / High: 1,400 to 2,000ppm / Critical: more than 2,000ppm
Precisión de medición CO2	±30ppm / 3%
Rango de medición temperatura	0°C ~ +50°C
Precisión de medición temperatura	±0.2°C
Rango de medición humedad	0% ~ 100%
Precisión de medición humedad	±1.8%

CHARACTERISTICS (LIFEQUALITY)

LED indicator	Green (normal level) / Yellow (medium level) / Red (high level) / Purple (critical level)
Automatic calibration	Once every 1-14 days
Manual calibration	Yes
Automated scenarios	Yes
Backup memory (loss of communication with the Hub)	Yes, up to 3 days
Accelerometer	Yes

VIA RADIO

Frequency	868.0 MHz ~ 868.6 MHz
Transmission distance	Up to 1700 m (without obstacles)
Maximum power RF	Hasta 20 mW
Protocol	Jeweller / Wings

POWER CONSUMPTION

Battery model	2 x CR123A / 3V
Battery duration	Up to 3 años

AMBIENT

Operating temperature	0 °C ~ 50 °C
Degree of protection	IP50
Use	Indoor
Maximum humidity	85%

MATERIAL AND DIMENSIONS

Dimensions	77 x 77 x 35 mm
Net weight	130 g
Weight with packaging	170 g
Color	White

GENERAL INFORMATION

Type	Air quality monitor
Compatibility	Hub 2 (2G / 4G) / Hub 2 Plus / Hub Hybrid (2G / 4G) / Rex 2

