PrismaSense®

AQS Enterprise

Sensors specifications

	Measurement range	Resolution	Accuracy
Temperature	-10°C to +55°C	0.01°C	±0.5°C
Humidity	10 to 98% RH	0.008 % RH	±3%RH
Pressure	300 to 1100hPa	0.18Pa	±0.12hPa
IAQ	0 to 500		

VOCs			
CO^2 equivalent			
NO^2	0 to 5ppm	‹ 20ppb	-
CO	0 to 1000ppm	0.1ppm	15% of reading
O^3	0 to 5ppm	20ppb	15% of reading

Device specifications

Processor	Dual Core Xtensa ® 32-bit LX6 / 160MHz to 240MHz
Operating temperature	-10°C to +55°C
Operating humidity	10 to 98% RH
Current consumption (Sensing)	200mA
Current consumption (Uploading)	500mA
Data acquisition frequency	Real-time data (1.5min)
Usage	Indoor
Communication protocol	WiFi 802.11 b/g/n @ 2.4GHz
Power supply	5V/2A micro USB
Mobile device	Smartphone/Tablet

Connection specifications

The AQS device's connection status is indicated by 2 different color indications:

- **Blue led** Device connection on WiFi and data acquisition
- **Red led** Connection error with the Temperature/Humidity sensor

Housing

Dimensions: Diameter➔146mm x 135mm, Height➔45mm Weight: <350gr