



## ASCM1420 Glance LTE

Model	Weight	Power	Add-on sensor
LTE ASCM1420-PC	230g	Battery or USB Power Adapter not included	
LTE + PM ASCM1420-PM	155g	USB 5V/1A Tethered Micro-USB Power Adapter supplied	Particulates PM1, PM2.5, PM4 (est.), PM10 (est.)
LTE + CO ASCM1420-CO	160g	USB 5V/1A Tethered Micro-USB Power Adapter supplied	Carbon Monoxide CO
LTE Biochem Lite ASCM1420-BCL	165g	USB 5V/1A Tethered Micro-USB Power Adapter supplied	Biochemical Sensor Array CO, CH <sub>2</sub> O
LTE Biochem Pro ASCM1420-BCP	170g	USB 5V/1A Tethered Micro-USB Power Adapter supplied	Biochemical Sensor Array CO, CH <sub>2</sub> O, NO <sub>2</sub> , O <sub>3</sub>

**AirSuite Glance LTE (ASCM1420)** shows the latest information and alerts immediately on its built-in, remotely configurable, low-power e-paper display. Glance can be configured either with a built-in long-life battery, lasting three years or more, or with one of several add-on sensors.

Glance is super quick to install, extremely reliable, and connects to the Internet using globally available LTE-M cellular networks. This makes it especially suitable for usage in the following situations:

- Empowering occupants to respond to current conditions.
- Rapid deployment for large numbers of sensors.
- Locations where it would be difficult to connect to power.
- Deployment on sites without a secure Wi-Fi network for IoT devices.



### Connectivity

#### NETWORK MODE

Cellular LTE-M (LTE Cat-M1)  
NB-IoT-compatible

#### MODEM

nRF9160

#### NETWORK BANDS

1, 2, 3, 4, 5, 8, 12, 13, 14, 17, 18, 19,  
20, 25, 26, 28, 66

#### REAL-TIME APP CONNECTIVITY

BT Low Energy (BLE) v5.4

#### CERTIFICATIONS

UKCA, CE, RCM, FCC, ISED, KC

#### WIRED CONNECTIVITY

Micro-USB (power only)

### Physical specifications

#### ENCLOSURE MATERIAL

ABS plastic

#### WATERPROOF/DUSTPROOF

No

#### DIMENSIONS

110mm x 110mm x 36mm

#### OPERATING TEMPERATURE

-10°C to +60°C

### Battery (if equipped)

*Battery only fitted in base model (ASCM1420-PC).*

BATTERY TYPE	BATTERY WEIGHT
Li-SOCl <sub>2</sub>	100g
BATTERY CAPACITY	TYPICAL LIFESPAN
10,800 mAh	3 to 5 years
RECHARGEABLE	USER-SERVICEABLE
No	No

### Mounting

Standard wall mount or optional tamper-proof wall mount

### Memory

Up to 24 hours data retention

### Reporting Interval

TO MOBILE APP (VIA BLE)

1 minute

TO CLOUD (VIA LTE)

Configurable from 15m to 12h, with optional power saving schedules

MEASUREMENT INTERVAL

1 minute



All of your organisation's AirSuite sensors can be managed from your computer, phone, tablet or even TV screen via the **AirSuite Monitor Portal**, which gives you access to fleet management, advanced visualisations, data export functionality and analysis tools.

**Talk to us to book a demo.**

## Sensor Specifications

Measurement	Operating Range	Unit	Typical Accuracy	Resolution	Drift	Technology	Calibrated by	Calibration Interval
Temperature	-40 - 125	°C	± 0.01	0.01	<0.03/y	SBG	Sensor manufacturer	5y
Humidity	0 - 100	%	± 2	0.01	<0.25/y	Cap.	Sensor manufacturer	5y
CO <sub>2</sub>	0 - 10,000	ppm	± 30, ± 3%	1	<4/y	NDIR	Sensor manufacturer	Auto
Light	0 - 80,000	lux	± 4%	1	-	PT	AirSuite	5y
Light (Red)	0 - 44,000	lux	-	1	-	PT	Sensor manufacturer	5y
Light (Green)	0 - 81,000	lux	-	1	-	PT	Sensor manufacturer	5y
Light (Blue)	0 - 15,000	lux	-	1	-	PT	Sensor manufacturer	5y
Sound	28 - 135	dBA	± 1	0.5	<1/y	SDM	AirSuite	5y
Pressure	300 - 1,100	hPa	± 0.6	1	-	AB	Sensor manufacturer	Auto
VOCs	0 - 60,000	ppb	± 15%	1	<1.3%/y	MOx	Sensor manufacturer	Auto
CO*	0 - 5,000	ppm	± 5%	1	<5%/y	EC	AirSuite	5y
PM1, PM2.5, PM4 (e), PM10 (e)*	0 - 1,000	µg/m <sup>3</sup>	± 10, ± 10%	1	-	Optical	Sensor manufacturer	Auto

\* Carbon Monoxide (CO) and Particulate Matter (PM) are optional add-ons, and require mains power to operate. PM4 and PM10 mass concentration are estimated based on smaller particle counts.

Find out more or contact us at [www.airsuite.com](http://www.airsuite.com)

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