AT-CON+ FEATURES

- Monitor & Control cold-rooms remotely.
- Low Maintenance.
- Data analysis added to control unit.
- Generate reports about cold-rooms environment and charts for (CO_2, LUX, Humidity and Temperature) Vs time graph up to 24 hours.
- View complete station on a 27" touch screen server (Optional).
- System can save readings up to 1 year.

General Specifications

	C2H4	LUX	CO2	T	RH
Sensor type	Electrochemical	Electrochemical	NDIR	Digital Sensor	Digital Sensor
Range	0 – 1500 ppm	0.1 – 40k lux	400 - 8000 ppm	-40 – 120 °C	0 – 100%
Lower detection limit	0 PPM	0.1 lux	400 PPM	-40 °	0 %
Response time (T90)	<20 sec	<5 sec	<20 sec	<5 sec	<5 sec
Accuracy	± 5 ppm	Human eye response	± 100 ppm	± 0.2 °C	± 4.5%
Replaceable sensor	Yes	Yes	Yes	No	No
Lifetime	2 years in air	2 years in air	2 years	n/a	n/a

SENSOR UNIT

	Module Sensor	Temperature Sensor
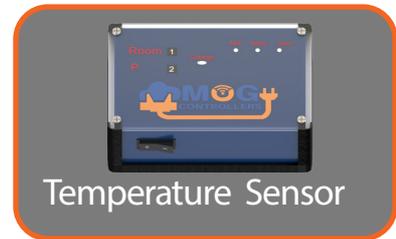
	CONTROL UNIT	SENSOR UNIT
Enclosure	Metal Casing	Stainless steel casing
Communication	WIFI, Ethernet	WIFI, Ethernet
User Interface	7'' touch display, remote web browser, desktop app.	....
Operating Environment	....	-40 to 50 °C, 0 to 100% relative humidity
Measuring Rate	Every 5 sec	Every 5 sec
Data Storage	64 GB (configurable)	....
Power Input	220	5V
Alarm	Sound & Email alarm (configurable)	....
Operating temperture range	-40 to 50	-40 to 50