

FILTER SMART CONTROL

Remote control
and alarm
management system



The remote interfacing system  **FILTER SMART CONTROL** features a centralized hardware module for each air treatment system, housed inside the dedicated derivation box or electrical panel (included in the supply).

The hardware module is equipped with **WiFi or LTE or MODBUS or ETHERNET interfaces**, enabling continuous **monitoring and remote management** of Expansion Electronic Active Electrostatic Filters and ECOKITCHEN/ECOLIGHT Ecology Units. This ensures operational and environmental safety, full control, and fast response times.

Upon request, the solution can be combined with an **air sensor** for detecting thermo-hygrometric air characteristics and for measuring ambient concentrations of PM1/2,5/4/10.

Main advantages

- 24/7 monitoring
- Real-time management and visualization of pre-alarms/alarms and related history (optional SD card installation for data storage up to approximately 6 months, useful in case of cloud communication interruptions)
- Management of system operation (automatic start/stop scheduling, air flow rate adjustment)
- Preventive maintenance management and logging of performed interventions
- Integration with existing supervision systems
- Simple and secure remote access from smartphone, PC, and tablet
- Software updates related to security patches or service improvements included in the license
- Subscription-based service

Available configurations



Base version – without air sensor

Ideal solution for remote monitoring of operation and management of main alarms.



Advanced version – with air sensor

Includes all features of the base version, with the addition of air parameter monitoring for more comprehensive environmental control and compliance with building Health-Safety rating

Two types of sensors available:

1 - Sensor SENSAir 63C with detection of

- PM1/2,5/4/10
- RH%
- Temperature °C/°F
- CO₂

2 - Sensor SENSAir 66 with detection of

- PM1/2,5/4/10
- RH%
- Temperature °C/°F
- VOC
- NO_x
- CO₂