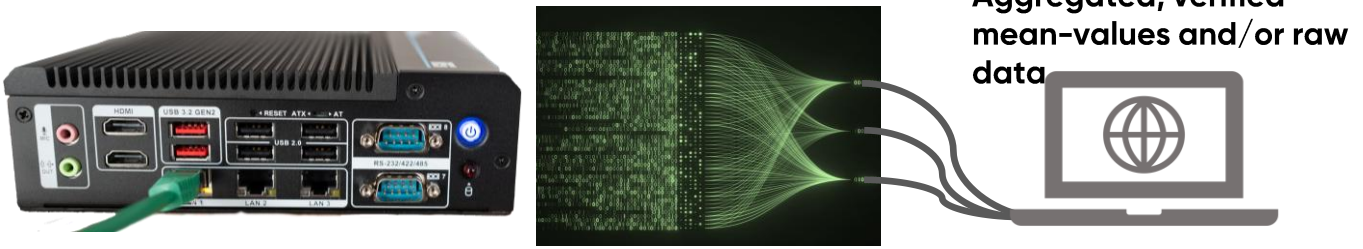


GTE ADM 100 (Ambient Data Manager)



ADM – Ambient Data Manager

ADM 100 is a compact Linux-based data manager that collects air quality data from instruments and transfers it securely to central systems while providing web-based operational visibility.

ADM System



Web-based software accessible via all browser devices



Turn-key solution for +300 pre-configured devices



Data Validation powered by AI engine, automatic failure detection & status



Remote diagnostics and maintenance



Setting individual thresholds for alarming via integrated workflow systems



Relational, highly secured database

ADM Data Management



Graphs and reports used for multiple devices & parameters



Geomapped data displayed on graphical map



Export of data in different formats (csv / Excel, Json, XML)



Data provisioning via standardized interfaces for public screens and websites



Alerts via multichannel communications (e-mail, SMS)



Standard averaging intervals (1 min fixed, 10 min configurable, 30 min configurable)

GTE ADM 100 (Ambient Data Manager)



The main purpose of ADM 100 is to collect measurement data from air quality monitoring stations, verify data and transfer it in a secured way to a central data acquisition system

Technical Specification

Housing: Aluminum enclosure

Dimensions: 184 x 200.6 x 53 (mm)

Weight: approx. 2.3 kg

CPU: Industrial PC, fanless

Storage >= 500 GB SSD

Internal Database: Local SQL engine (no cloud dependency)

COM-Ports: 8

LAN-Ports: 3 (LAN / DIAG)

Power: 100-240 VAC, max 50 W / avg 12 W

Main Features:

- Web-based user interface (no client installation required)
- Instrument management via Serial/COM and TCP/IP
- Automatic error detection and instrument status monitoring
- Role-based user management with predefined roles
- Rapid instrument installation (≤ 2 user actions)

More than 300
preconfigured devices
available:

HORIBA

**Met One
Instruments**

PALAS

AETHLABS

CHROMATOTECH

**ThermoFisher
SCIENTIFIC**

Lufft

envea



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Data Sheet