Data Acquisition System

KIMO INSTRUMENTS

AKIVISION data acquisition system was specially developed to monitor air movement conditions. It is perfectly suitable for process monitoring and control of air parameters :

Temperature • Humidity • Pressure • Air Velocity • Airflow

AKIVISION data acquisition system is also suitable for applications of many fields such as :

Service sector
heating/air conditioning

Clean room

Cold chambers

Boilers

Refrigerating

Greenhouses

1 References & descriptions

Software

AKIVISION	Acquisition/monitoring (A) and data processing (E) software, and safety key.
AKIVISION - E	Data processing software for additional PC and safety key.

Link Modules

ML 120	PC link module with USB/RS 485 connection.
ML 100	PC link module with RS 232/RS 485 connection.

Acquisition Modules

MD 100	8 4-20 mA / 0-10 V analogue inputs, RS 485 output.
MD 120	6 Pt 100/Pt 1000 analogue inputs, RS 485 output.
MD 140	6 NTC thermistance inputs, RS 485 output.
MD 160	8 thermocouple K, J and T inputs, RS 485 output.
MD 180	16 digital inputs, RS 485 output.
MD 190	7 inputs : Digital, Counter, Frequency, RS 485 output.
MR 100	RS 485 input module, 8 relay outputs.

Communication Modules

GSM, wireless, ethernet modules...
Please contact us to check availability.

RCS (24)Périgueux 349 292 095 - Document non contractuel - Nous nous réservons la possibilité de faire évoluer les caractéristiques de nos produits sans préavis

Distributed by :

Doc AKivision - V3 - Anglais - 01/11

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KIMO INSTRUMENTS

AKiVISION

Data Acquisition System

Pressure • Temperature • Humidity • Velocity • Airflow

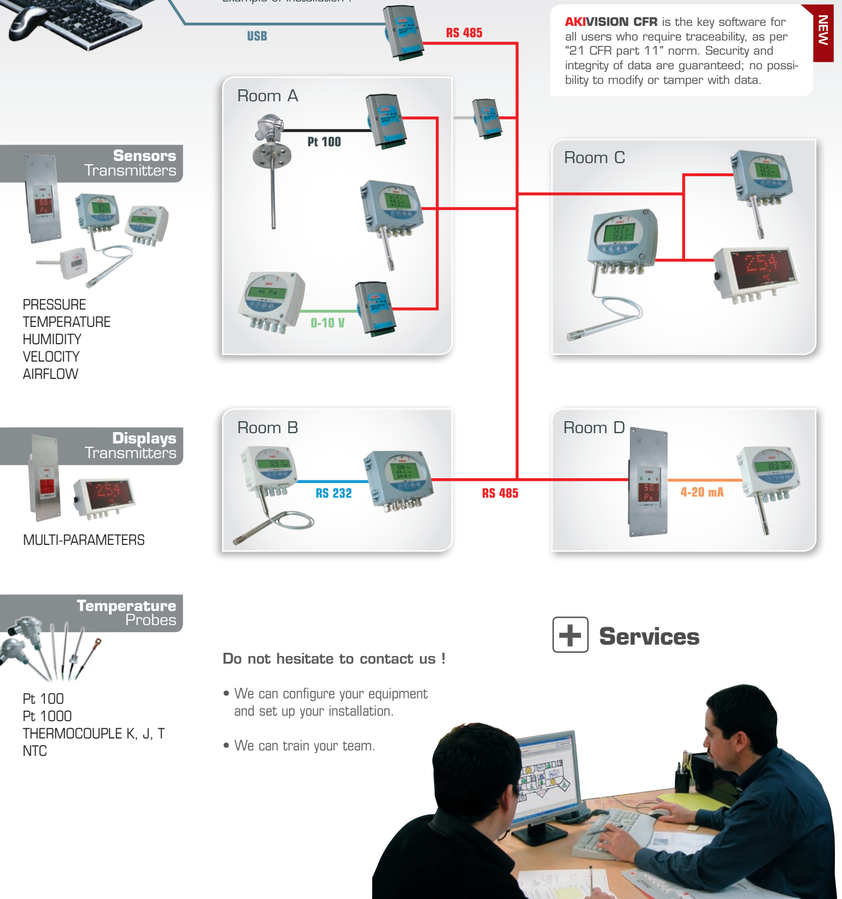
www.kimo.fr
EUROPEAN MANUFACTURER

AKiVISION

Easy-use, fast and efficient !

Compatible with Windows, **AKIVISION** software allows to **configure, record and display data in real time**, and also to process all data measured by KIMO transmitters and probes.

Example of installation :



AKIVISION CFR is the key software for all users who require traceability, as per "21 CFR part 11" norm. Security and integrity of data are guaranteed; no possibility to modify or tamper with data.

NEW

Sensors Transmitters

PRESSURE
TEMPERATURE
HUMIDITY
VELOCITY
AIRFLOW

Displays Transmitters

MULTI-PARAMETERS

Temperature Probes

Pt 100
Pt 1000
THERMOCOUPLE K, J, T
NTC

Services

Do not hesitate to contact us !

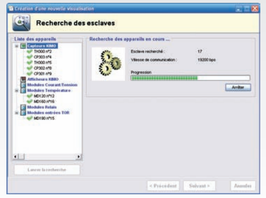
- We can configure your equipment and set up your installation.
- We can train your team.

ACQUISITION

Version A **AKIVISION** software enables to **configure** all transmitters and modules of your installation, and **to record and display measurements in real time.**

1 Configuration of instruments & modules

The software **automatically** searches for all instruments from the network (slaves) and displays them.



It is then possible to proceed to all **settings** :

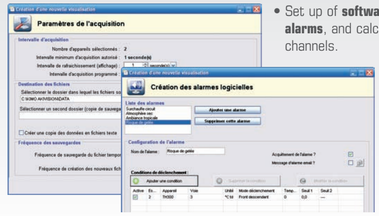
- **channels** and **units**
- analogue **outputs**
- **alarms** and **relays**
- **measuring** functions
- **modules**

2 Users acces management

Password secured acces!

3 Configuration of acquisition

- Set up of **measuring intervals.**
- Set up of **software alarms**, and calculated channels.

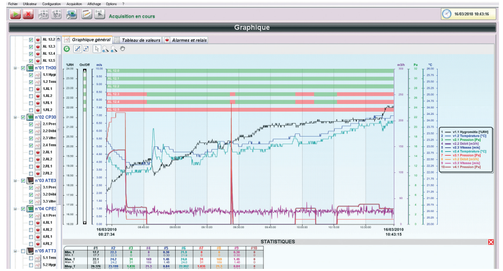


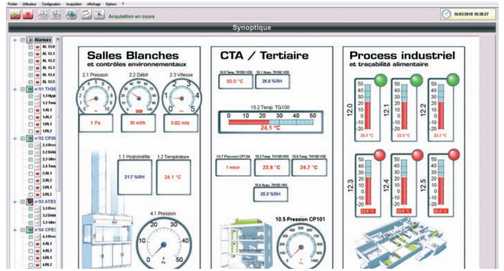
4 Display of acquisition

2 modes of display in real time!

Graphic display accurate and clear!
Allows to monitor measurements on the whole network thanks to graphic display and to consult statistics.

Visual!
Alarms are displayed in lines to make them more visible.





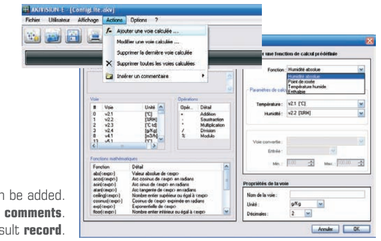
Synoptic display user-friendly!
Alarms, instruments and measurements can be displayed directly from a drawing or a picture of installation.

Practical!
Configuration of instruments can be done by clicking on their representation.

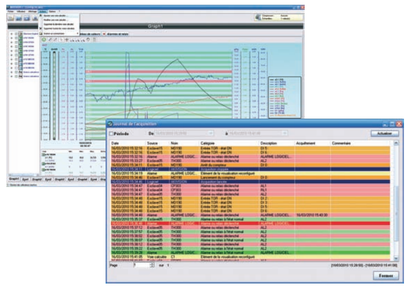
PROCESSING

Version E **AKIVISION** software easily enables to **process**, **consult**, **analyze** and **print** all measured data.

5 Data processing & exportation



- **Mathematical and calculation functions** can be added.
- Insert **comments**.
- Consult **record**.



6 Remote lookup & display of your records

Make your own **graphic presentations** or **statistics**.