Autonomous Equipment

PEGASUS WEATHER STATION

DESCRIPTION

The Pegasus Meteorological Station is a portable station with direct data transmission to the web, by means of GSM 2G / 3G cellular telephony.

Its modular and compact construction with solar panel included allows its assembly and configuration with the most convenient sensors for your application.

Access to environmental information is achieved in two ways: by connecting to the Station via USB cable (provided) or through the Internet, downloading all data and information from a website (through a password).

It allows the configuration of alarm thresholds, with automatic transmission to three cell phones of your choice.

The Station is composed of the following parts:

Datalogger EP2010: records, stores and transmits via GSM 2G / 3G, has 12 input channels for external sensors and an internal atmospheric pressure sensor.

It allows to select the period of data recording between 5 and 60 minutes, with a memory capacity of 14,000 data per variable (145 days of autonomy recording every 15 minutes).

Alarm transmission: via SMS messages to 3 cell phones.

The Datalogger allows connection to the following sensors:

EP0221 Rain Gauge: with 0.25 mm sensitivity, and calibrated metal pickup.

Humidity and temperature EP0251:

Humidity: Range: 0 - 100%.

Temperature: Range -20 to + 60 ºC. / -40 to + 60 ° C.

Sunscreen: Self-priming type.

Wind speed and direction EP0233:

Speed: 1m / s at 50m / s

0-360 º wind direction;

Solar radiation EP0304: Silicon cell type with a range of 0 to 1500 W / m2 / 1800 W / m2

UV solar radiation EP 0306: sensitive to the range of

0.5 to 1.2 microns

EP0247 soil temperature: range -20 to + 60 ° C. / -40 to + 60 ° C.

EP0254 soil moisture: range 0 to 100%. Of the type per dielectric constant, high durability and maintenance free.

EP0253 Leaf Wetness: wet sheet sensor with installation accessory

Mounting system: for the installation, on a 45 mm diameter tube or tripod.

FEATURED FEATURES

. Easy to install and operate
. Portable
. GSM 2G / 3G communication
. Data visualization using PEGASUS MOBILE
. Access to data locally and online

Other specifications and ranges available upon request.

ARGENTINA INDUSTRY