

Remote Meteorological Station with built-in Video



Video Weather is an automatic meteorological station which integrates live video from up to 3 cameras connected to it. It provides meteorological information on the site in which it is installed, as well as images.

It allows access to the information at all times and from anywhere, via a PC, PDA or mobile phone.

It transmits the information, both meteorological and video, in digital format via any TCP/IP network to which it is connected.

Video Weather comprises a professional level meteorological station supervised by a built-in industrial controller. The controller collects the measurements made by the station plus images taken by up to 3 cameras, generating a WEB/WAP interface with the information in real time



Functions:

- ✘ Provides both real time meteorological information and statistical data.
- ✘ Integrates video from up to 3 IP cameras.
- ✘ WEB/WAP interface with meteorological and video information.
- ✘ Sends a regular set of images plus meteorological information to a remote server for integration into a customised website.

Technical characteristics:

- ✘ Sensors included:
 - Air pressure.
 - Temperature.
 - Relative humidity.
 - Rain meter showing intensity.
 - Wind speed.
 - Wind direction.
- ✘ Meteorological information provides:
 - Outdoor temperature.
 - Relative air humidity.
 - Barometric pressure and trend.
 - Dew point.
 - Daily, monthly and annual rainfall.
 - Intensity of precipitation.
 - Wind direction and speed.
 - Apparent temperature.
 - Maximum and minimum daily, weekly, monthly and yearly values of these parameters.



Video Weather		Latitud: 43° 19'	Longitud: -2° 54'	Altitud: 849 metros
Información meteorológica. Actualizada cada 3 segundos.				
Fecha 16:31:22 13-11-2006				
Presión	1033.63 mbar	(Subiendo rápidamente)		
Temperatura	15.6 °C			
Humedad	25 %			
Vel. viento	10.30 km/h			
Vel. media viento	7.45 km/h			
Dir. viento	NW 327°			
Lluvia actual	0.00 l/m²			
Tormenta (Comenzar)	0.00 l/m² (n/a)			
Lluvia tot. día	0.00 l/m²			
Lluvia tot. mes	15.49 l/m²			
Lluvia tot. año	115.12 l/m²			
Salida del sol	8:00AM			
Puesta del sol	6:01PM			

Unidad general de las cámaras:

- ✘ Power: 12 Vcc /220 Vac – 15 VA.
- ✘ Includes backup battery with 6 hours' autonomy.
- ✘ Dimensions of controller:
 - 460 x 340 x 160 mm. – IP55.
 - Weight: 2 kg approx.
- ✘ The watertight casing allows installation out of doors.

Options:

- ✘ GPRS communications module which enables its installation in areas without ADSL (broadband).