



WEATHCAM – WEBCAM WITH DATA TRANSMISSION VIA FTP FOR ENVIRONMENTAL MONITORING APPLICATIONS (Rev.2 28022025)

General features

WeatherCam is a web cam that can send images via FTP from environmental monitoring sites. WeatherCam is an IP camera designed to have minimal electrical consumption (2W@12Vdc) and to transmit images in **4G mode via GPRS**. Thanks to this feature, it can also be powered by a photovoltaic panel and have an updated image every **15 minutes**.

The camera has a latest-generation 8 MegaPixel sensor, has excellent light sensitivity and allows a wide range of image settings.

A data SIM is sufficient for data transmission, so WeatherCam can be installed on any site without the need for cable connections

The camera must always be supplied with at least one Geoves monitoring station (e.g. meteorological or hydrometric station) and the Geoves Meteograph web service.

The WeatherCam will always be supplied with a waterproof outdoor case with a pole bracket, a 4G modem where you can insert a data SIM card (primary operator of your choice), a power kit with a 12Vdc battery, charge regulator, photovoltaic panel and an outdoor housing box with pole brackets.



Main technical features

- ✓ **Easy configuration.** The camera has a web server available, which our support centre can access via IP address to change all the configurations: Ethernet parameters, image quality, resolution quality, FTP settings, transmission intervals and much more.
- ✓ **Good image quality.** The 8 Megapixel sensor captures clear images with bright colours. With this sensor you will not have images that seem blurry or foggy, furthermore it is possible to set white balance, exposure and many other parameters to make the most of every panorama.
- ✓ **Totally autonomous.** The camera can be installed anywhere; the only condition is that the cellular network is available and there is direct sunlight. The camera will power itself via the solar panel and the battery and will connect to the internet via the internal modem with a data SIM card.

- ✓ **Robust and reliable.** The internal programming includes a watchdog that always checks the functioning of the webcam. In the event of network malfunctions, the Meteograph web service will restart the camera autonomously
- ✓ **Remote configuration.** Thanks to an innovative remote-control method, our assistance centre will be able to manage the webcam settings such as exposure, ISO, white balance, image quality, timing, etc.



*Webcam for hydrometric station with
fastening on pole*