

EAGLE

Eagle is the new powerful CAEtech camera that flanks traditional hydro-meteorological, hydrological, etc. parameter measurement equipment allowing acquisition, local recording and real-time transmission of images of the area to be monitored or of significant details, in both scheduled and extemporaneous mode.

This camera is particularly suitable for use in critical conditions; it has, in fact, been designed with those applications that require the operation 24h/7d, providing high quality images in any light conditions, day and night.

Eagle, like all products in the new CAEtech line, can be interfaced with any data logger on the market and is characterised by high mechanical robustness.

TECHNOLOGY AND OPERATION

This is a product designed in a modular manner, allowing easy configuration and a high adaptability to the environment to be monitored. It uses interchangeable lenses of different angles, from wide angle to zoom, with day&night operation. Optionally, in the night version, it can be supplied with an IR illuminator if the ambient light is not sufficient.

Eagle is an extremely robust product with IP 66 housing and able to resist in a very wide range of temperature ranging from -30 to +60 °C.

Eagle is fully programmable and can be managed remotely, similarly to what happens for data acquisition.

Images can be acquired:

- automatically at scheduled intervals, locally or remotely configurable by the operator;
- following an event detected by the peripheral station, whether an alarm or exceeding a pre-set threshold;
- at the request of the operator, through a local or remote command.

Once acquired by the station, the images are saved in the integrated memory and transmitted via the mobile communications module (2G, 3G, etc.).



Image	1/2.5" CMOS, progressive scan
Resolution	6 MP
Image compression	JPEG
Lenses	Available for different angles and interchangeable
Operating temperature range	-30÷60 °C
Protection class	IP66
Power supply	PoE (IEEE 802.3af/t), variable class PoE (2/3) depending on the operating mode