

Marlec Green Column

Marlec Engineering has modified their 'Green Column' self contained lighting pole to cater for IP based surveillance cameras.

Coupled with a wireless LAN access point, it is now possible to provide remote video monitoring in locations where the expense or viability to run power is not feasible.

The system consists of either an 8 metre 'Green Column', a wind power turbine, a solar panel and in the base of the pole an industrial grade battery with electronics to monitor battery charge and condition.

By installing a Marlec 'Green Column' with a low power camera such as a Mobotix series 'IP' camera (3 watts) and a standard WiFi access point or a GPRS modem, the system can operate seamlessly as a video monitoring position completely mains electricity free.

This solution is ideal for rapid and temporary deployment, for example building and roadwork sites. Simply position, use, then move to the next site.

An excellent companion product to the Mobotix 'IP' surveillance camera is the Fluidmesh wireless access point which is designed specifically to transmit video over wide area wireless connections along with a low power consumption of 10 watts. This makes it ideal for installation on a Marlec 'Green' pole as along with a Mobotix camera the average power consumption is between 12-14 watts.

