

FEATURES

- Battery AGM 120 Ah that's slowly discharged.
- SD CARD up to 128 GB
- GSM GPRS communication system (to be tested as an alternative wi-fi system)
- UMTS remote control Web site
- Tailored stainless steel box with custom bands
- Tapered pole 5.5 m
- 260W Photovoltaic Panel
- Foundation plinth conforms to uni en-40 standard
- 20-30-40 W LED lamp
- 5 Megapixel camera and OCR video surveillance system
- Motion Detection video with recording system
- Geotech control-charge battery control unit

STRUCTURAL SPECIFICATIONS

- HT 5800 photovoltaic pole
- Dimensioned for zone 3
- D.168 / 102 SP.4 MM ACC.S235JRH
- Hot-dip galvanized, UNI EN ISO1461
- Size of 160x100x80 cm and 100 kg

Basic system:

- 120Ah battery
- Power lamp 20W 30W 40W led
- Photovoltaic module with a size of 1.6 meters X 1 meter, 260W power module.
- Microcontroller for battery charge management (Geotech Lux Algorithm for charge and discharge management)

Remote Base Control:

- Remote Control System for checking lamp placement status and check: battery failure, electronic fault, lamppost charge, etc. all reachable from the web page
- Remote ignition system of optional additional peripherals of choice: USB battery charger, additional lamp, speaker system, high resolution IP cameras, and any other devices
- Internal clock and calendar

Remote control with built-in camera:

- Remote viewing system with cameras for recording on removable memory up to 128GB with programmable overwrite
- Motion Detection system for recording, the system detects motion by analysis of images and saves them, the system can be combined with a motion sensor through an external sensor
- Camera resolution of 5 Megapixel
- IR filterless camera for infrared night vision

Remote control with Info Point:

- Remote connection system and refresh system for info point with touch screen (10 inches)

Remote control with plate reading:

- Recording system for reading car plates up to 60Km / h
- Recording plates on the memory card.
- Ministerial database link (stolen car, lack of review and lack of insurance)

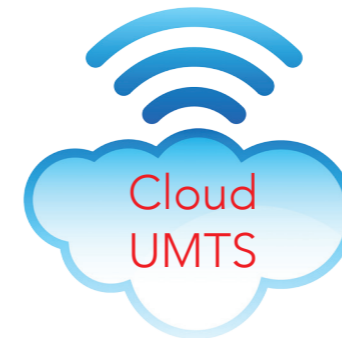
Remote control with Hotspot Wi-fi:

- Possibility to connect up to 15 users on a UMTS network wi-fi for a radius of 60 meters.

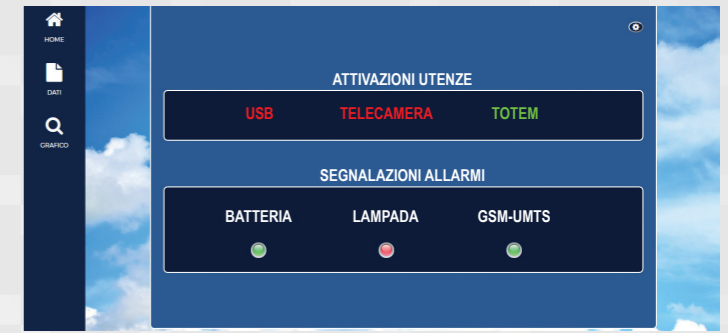
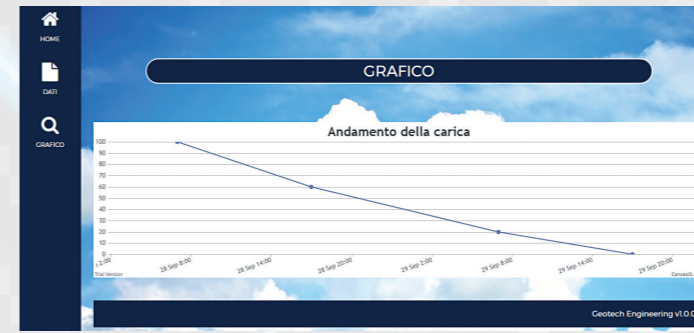
Kasco Guarantee 3 years (not cover claims and vandalism) valid only for our supply and installation.



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Solar
STATION
LUX & CAMERA



WHAT'S IT?

Example of application of Solar Station Charge and Solar Station Control. The solar system supplies and controls a lamppost and a peripheral camera and a USB socket.

WHAT'S NEW?

Remote devices can be activated remotely: Camera, USB, Hot Spot WIFI, InfoCity municipal display, Weather alert probes, etc. The built-in camera in the lamppost records locally and allows connection to the same camera remotely. Unique body made of stainless steel, with customizable panels, with specific images for the living space: playgrounds, bike lanes and roads not covered by electricity.

HOW DOES IT WORK?

The photovoltaic panel provides energy that is used to charge the 120 Ah battery through the Solar Station Charge unit which also regulates the absorption and power of the lamppost. The control unit collects data from a number of sensors to optimize battery charge and lamp consumption. The collected data is transferred through Solar Station Control unit (remote communication via UMTS) to highlight any alarms and critical issues.

BENEFITS

- Intelligent eco-sustainable lamppost with built-in camera and built-in USB socket.
- 10 days of activity even in the absence of sun.
- Real time faults analysis.
- Remote control of peripherals with activation and deactivation: USB - CAMERA.

