Remote Web Cam
for monitoring

The ideal solution to visualize online images in remote places without needing expensive nor difficult installations.

Fully connected to the **SmartyPlanet's** webpage**.** It has functionality to send images and motion detection alarms.

APPLICATIONS

- Municipal information to citizens.
- Surveillance and security.
- Weather and sky conditions.
- Beaches and entertainment venues.
- Golf courses.
- Hotels, swimming pools, playtime zones, etc.
- Car parks.

KEY FEATURES

- Fully autonomus, without connection neither to PC nor software.
- Very low maintenance
- Resistant to hostile conditions.
- Unlimited autonomy.
- Integrated communications.
- Without complicated infrastructure.
- Easy installation.
- Display web page.

FUNCTIONALITIES

- Motion detection alarms.
- Periodic sending images.
- Night vision up to 30m.
- High image quality HD-960p
- Image resolution: 1280x960 pixels
- Vision angle 35-70º

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Support mast
Various heights.
Wall or floor mounting.

Photovoltaic panel
Options of 5 , 50 y 125 W.
Fully adjustable.

Battery box
Various dimensions.
High capacity batteries for uninterrumpted operations.

Camera
Sealed cover.
Weather protection.
Robotised movement..
Zoom 3x

Support structure
Easy installation in any structure: mast, wall or post.

Wireless communications
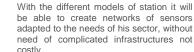Wireless
No data nor electricity needed.

Plug and play Installation

The design of this Station allows his installation under the concept ' to plug and play '. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.

Better relation Cost - benefit

The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.

Sensors Networks

The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future

Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.

Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.

Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.

Mechanical construction

Product of recognized quality.
Robust and durable camera.
Tested in adverse weather conditions.
Adjustable support.
Aluminum housing.

Image sensor

High Definition Colour CMOS Sensor
Resolution: 960P (1280 x 960 Pixels 1.3 Megapixel)
Illumination: 0 lux minimum
Bright control, cintrast and automatic frequency.
Light frequency (outdoor, 60 Hz, 50 Hz)

Lens

Glass
Standard thread CS-Mount to change targets.
f: 3.7-14.8mm, 35º-70º vision angle, optical zoom 3x

Night vision

21 IR LEDs connected without environmental light
Night's reach up to 20 m

Certifications and regulations

CE, RoHs,
FCC, IP66

Poster area with video surveillance

According to the Organic Law 15/1999 of data protection.

Robotised movement

Remote orientation horizontal and vertically.
Horizontal: 355º   Vertical: 75º

Communications

Options: 1.WiFi antenna via local network
2.Ethernet network cable to the local ADSL
3.Autonomous communication 3G / GPRS
SIM card included.
Fully configured and running.
Data stored in Cloud Data Server secure.

Protocols

HTTP, FTP, TCP/IP, UDP, DHCP, PPPoE, DDNS, UPnP, GPRS

Camera connectivity

Ethernet network: 10/100 Mbps RJ-45
Data rate: 802.11g: 54Mbps, 802.11n: 150 Mbps
WiFi security: Encryption WEP, WPA, WPA2

Electrical power supply

Long-term photovoltaic system included.
Pb-gel batteries or 100Ah
Optional: Adapter AC/DC- 12V/2 A
Optional: SAI to power streetlights.

Operating ranges

Temperature between -20° and 55°C
Humidity of 10% ~ 85% without condensation

Sending interval images.

Configurable: 30 - 60 - 120 minutes

Alarms

Motion detection areas of sight.
Sending image in case of alarm activation.
Relay activation for connecting external alarms.

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