

MARSS, present young and dynamic business in the Italian market of Security, as producer of:

- **Security system**
- **CCTV**
- **Fire Alarm**
- **Access Control**

MARSS encloses in the name its philosophy guides: *More Advanced Research in Security Systems*, in order to offer solutions of quality, convenience and innovation to the professionals on the field.

To be global partner in the world of security system and to offer solutions to wide beam, cut on the real requirement of the customers, is our daily mission.

MARSS Solar Defender is a project realized from MARSS to support and defend the renewable energetic sources, through the use of innovative and reachable technologies.

Solar Defender®

THE ANTI-THEFT SYSTEM FOR SOLAR PANELS

Sure, because based on BUS Technology and an innovative system of optical surface sensors.

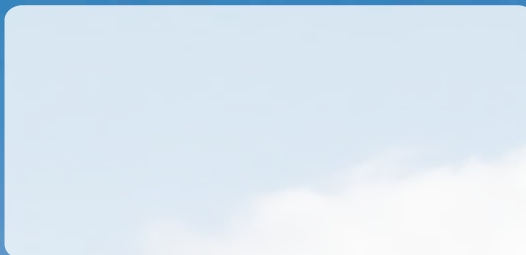
Dedicated, because thought and planned specifically for the world of the solar and photovoltaic panels.

Modular and flexible, because it is born and it grows with your system, without any limitations.

Simple, because it is easy to install.

Adaptable, because applicable to all the types of solar and photovoltaic panels and to the system already installed and of a new installation.

Economic, because it has a price to the capacity of all.



MARSS srl
Via A. De Gasperi, 180 - 73030 Tiggiano (Le) - Italy
Tel +39 0833-531175 - Fax +39 0833-790387
www.marss.eu - info@marss.eu

Immago Pubblicità 0833 794262

Solar Defender®

THE ANTI-THEFT SYSTEM FOR SOLAR PANELS

The security system for solar panels

Sure, simple to install, applicable to all types of panels, economic.



**STOP SOLAR
PANELS THEFTS!**



Solar Defender

The security system dedicated for solar and photovoltaic panels, only in its kind, simple and innovative, highly interfaceable with any device antitheft and applicable to all panel types.

Solar Defender is in a position to characterizing and monitoring in continuative way the state of every single panel and to give immediate communication.

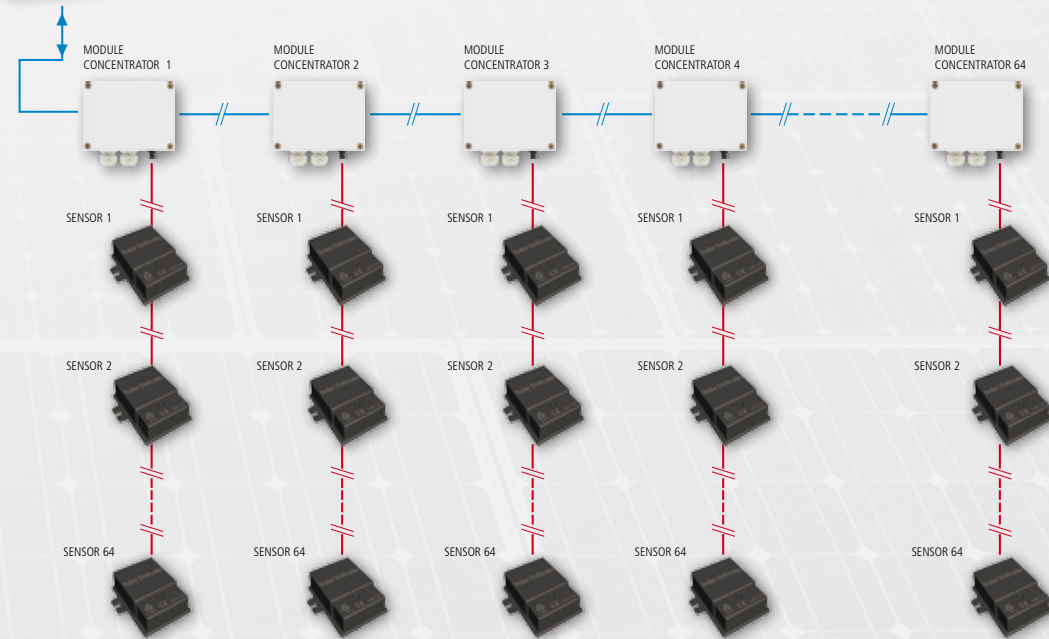
Solar Defender incorporates the *BUS* technology owner **MARSS** and an innovative system of *addressed optical sensors for surface*, in a position to characterizing the specific characteristics of the single panel, and therefore to detect and to signal immediately, every attempt of tear, removal, masking and tampering of the single panel that the entire system.

No false alarm guaranteed.

Your energetic saving begins also from the emergency of your systems.



Outline arranges Solar Defender



Solar Defender system composition

Control Panel Solar Defender

The series comprises 3 panel models: BASIC, PROFESSIONAL and ADVANCED for the management till 128 modules Concentrator and 8.192 Optical Sensor for surface and 514 alarm inputs.

Module Concentrator Solar Defender

The series comprises 2 models of module concentrator with and without local power source, for the management till 64 Optical Sensor and 2 alarm inputs.

Optical sensor for surface Solar Defender

Module IP for Panels Solar Defender

Software *Solar Defender Management*

It enables the control and the management, in remote way, of the system Solar Defender

Programming device Solar Defender

Solar Defender is a *modular* system, thought for little ones that for great solar and photovoltaic systems. It controls a limitless number of panels at the same time, and is *applicable* to the already existing systems that of new realization.

Function "Cantiere Protetto"

The operation of **Solar Defender** is independent from the activation or less of the solar or photovoltaic system. It can be applied on the first widened panel and in work course, to guarantee the protection of the system already to open yard.

Through an appropriate software the *remote management* of the system is possible and therefore the control from remote of the alarmed system.