



SW-X series sky imager

Catch the sky conditions



ABOUT

SW-X series sky imager monitors fast changing sky and weather conditions, delivering crucial observations data. Part of the SteadyEye product. It constitutes state-of-the-art solution for intrahour solar forecasting needs.





SteadyEye service runs as Software as a Service (SaaS) or on-premise. If the internet network is not complying, a 4G router option is also available for edge to cloud operations.

Depending on solar installations size and geographical distribution, multiple sky imagers can be connected together through a local network in order to increase field of view and to improve forecast accuracy.

A dedicated web application provides SW-X data monitoring, visualization and analytics.



KEY BENEFITS

-  **TAILORED FOR SOLAR POWER FORECASTING**
Specially designed for SteadyEye solution
-  **FIELD PROVEN**
Plug & play, robust and reliable
-  **COMPATIBLE WITH ALL SCADA SYSTEMS**
HTTPS, SFTP, Modbus
-  **HEAVY-DUTY DESIGN**
Adapted to harshed climatic conditions (dust, sea sprays, extreme heat and humidity)

SOLUTIONS

- Hybrid systems & storage
- Off-grid microgrids
- Plant operations
- Grid management
- Insular system management
- Research & Innovation

FEATURES

Network camera
Fisheye lens, 360° field of view, 5 Mpx

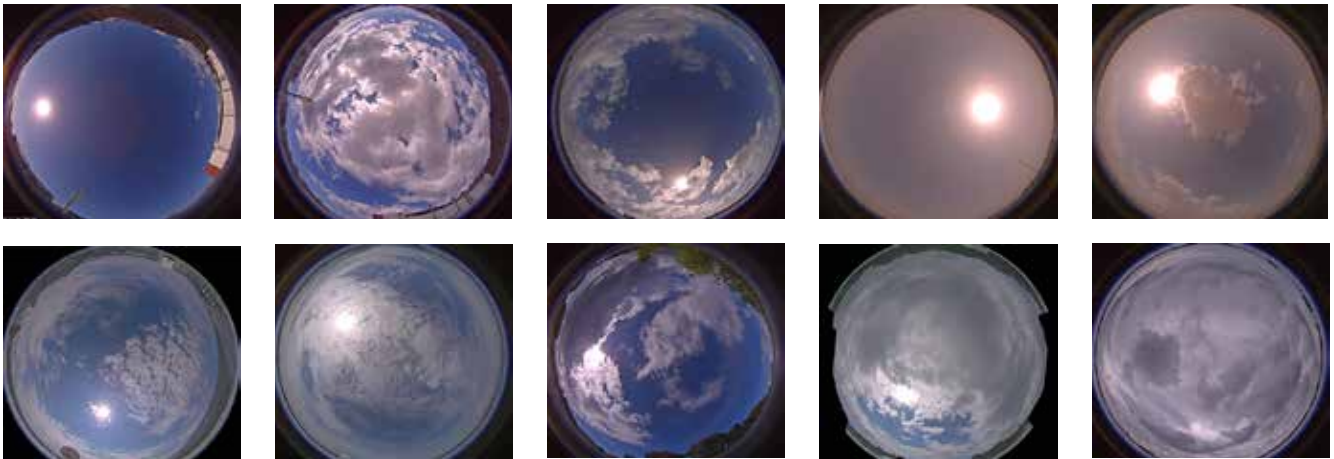
Frame rate
1 to 6 frames per minute

Weather sensors
Pyranometer(s) & air temperature

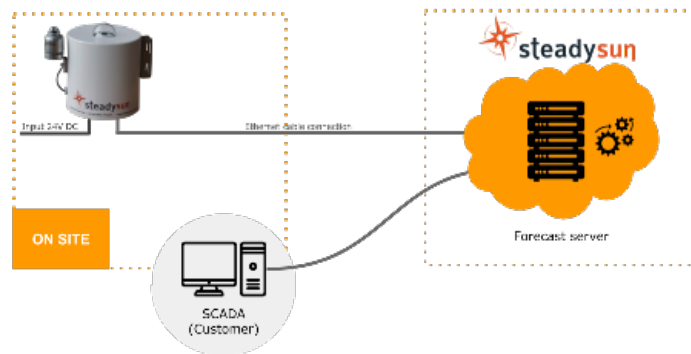
Operating conditions
-20°C to 50°C



ALL SKY IMAGES

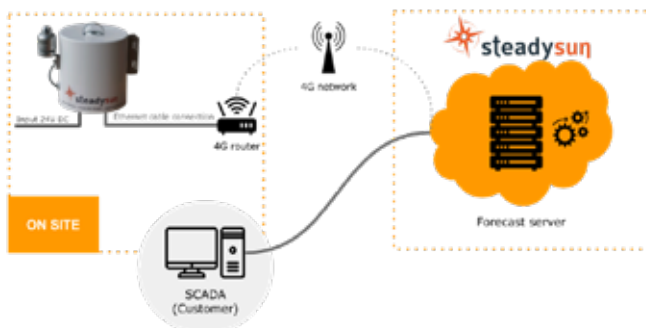


SaaS configuration



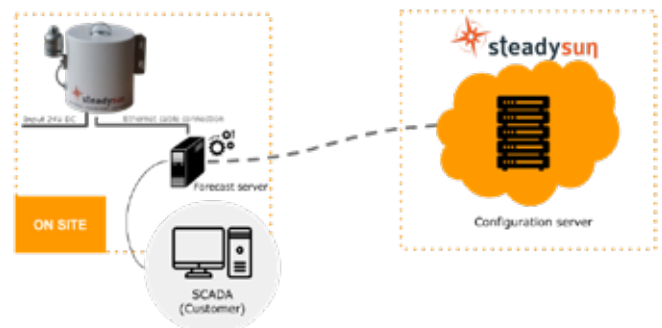
Reliable internet connection required
upload 3.2 Mbps, 50ms latency

SaaS configuration using cellular network



Reliable internet connection required
upload 3.2 Mbps, 50ms latency

On-premise configuration



Reliable VPN connection required

