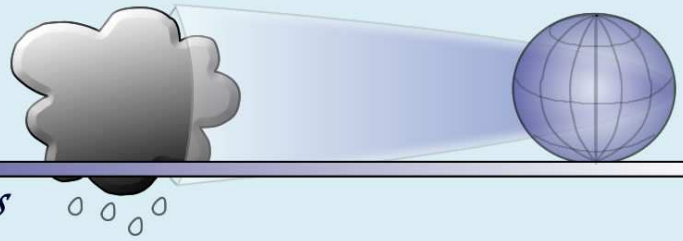


I.C.E

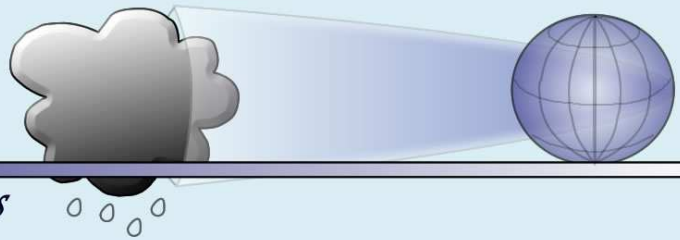
weather technologies



SKYDETECT WEATHER RADAR

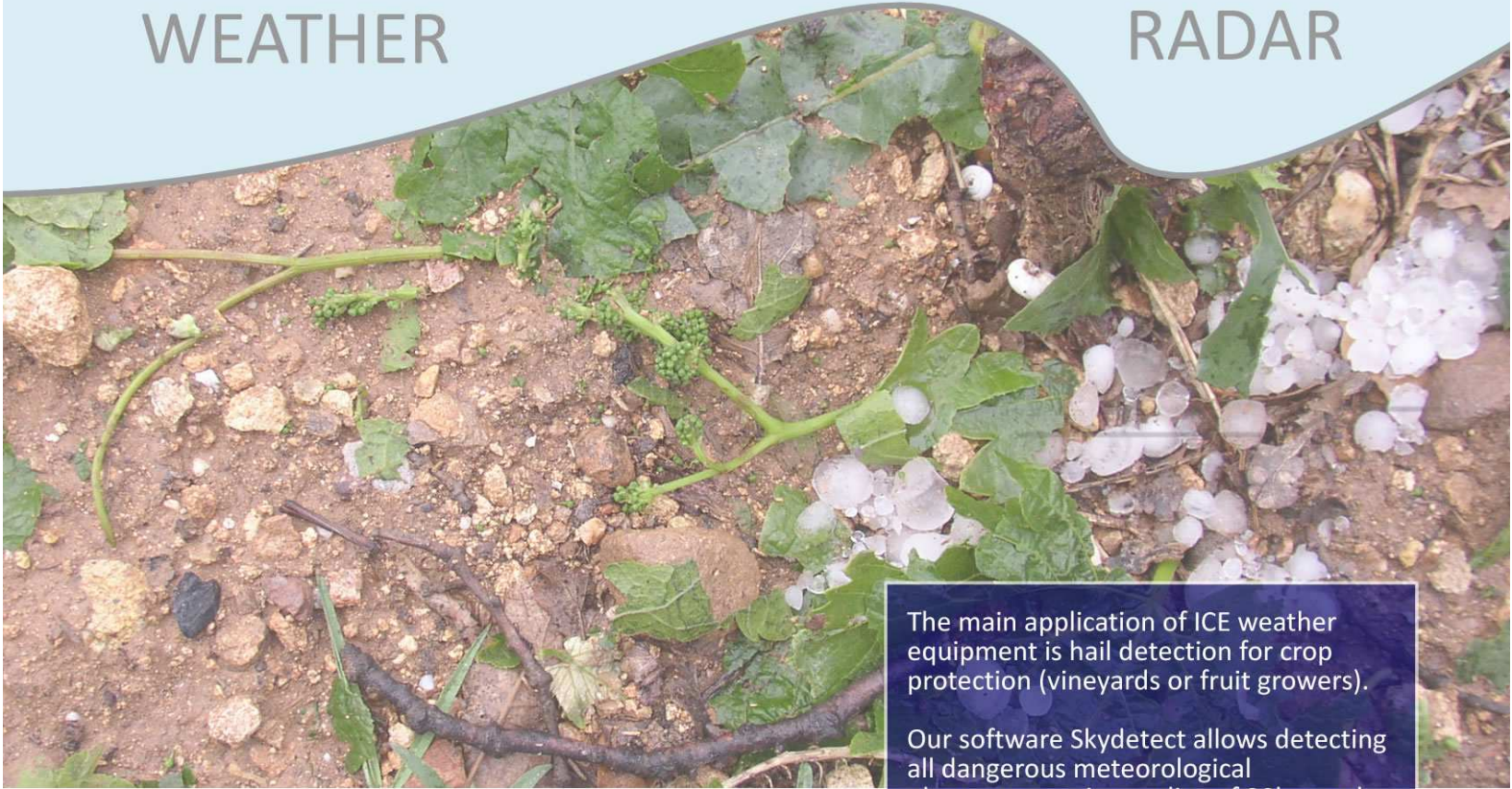
I.C.E

weather technologies



WEATHER

RADAR



The main application of ICE weather equipment is hail detection for crop protection (vineyards or fruit growers).

Our software Skydetect allows detecting all dangerous meteorological phenomenons in a radius of 30km and sends warnings via Short Message Service in case of hail risk.

X-band weather radar

Weather radars send directional pulses followed by a waiting time to "listen" to return signals to determine if echoes are coming back from precipitations.

*With a X-band weather radar you have a **local weather picture** and you are capable to start your anti-hail devices only when there is a high POH (Probability Of Hail).*

Skydetect software

*SkyDetect is **meteorological analysis software** which calculates permanently echoes levels and echoes shapes through an images flow from radar antenna. It allows you to keep watch over **8 different areas** situated wherever you want on radar screen.*

*Activating thresholds are adjustable for each area independently. Many others parameters can be set in order to have a sensibility **in accordance with your geographical environment and requirements.***

Other applications

Meteorological applications :

Aviation - Petroleum platform - Sciences Lab

Hail protection :

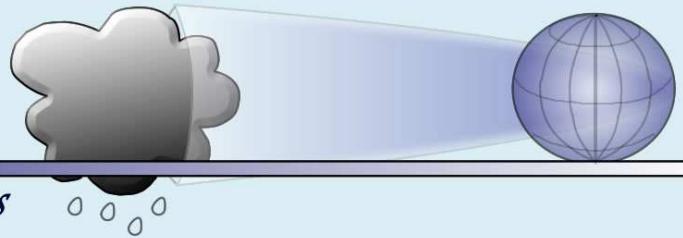
Solar panels fields - Greenhouses - Car factories

D i s t r i b u t o r



Equipment compliant with European rules.





WEATHER RADAR Skydetect

SKD4KW Model

Technical characteristics

Antenna unit

Output	4kW
Frequency	X-band radar (9,41 GHz)
Beamwidth	Vert : 22° - Hor : 2°
Type	Open
Size	3,5 fts
Weight	approx. 40 kg
Rotation speed	24 or 48 rpm
Cable length	30m maximum

RF Transceiver unit

Power supply	12VDC
Max current	7A (24 rpm)
Power	4kW
Warming up	90s max
Weight	10 kg

Weather detection cabinet

Main computer power supply	12V
Spare computer power supply	12V (in option)
Number of alarm areas	8
Controlled outputs	8 (NC or NO)

Display unit

Power supply	12V
Screen size	17" LCD
Input	VGA

Environmental conditions

Temperature	-25°C to 70°C (Antenna) 0°C to 40°C (Cabinet)
Max wind	130 km/h

Installation and Service operations

Mounting time

Between 2 and 4 days

Maintenance

Each year - Wearing parts replacing compulsory

Presentation

SKD4KW weather radar model was developed in order to detect meteorological phenomenons and evaluate a damage risk level in real time.

This equipment is easy to adjust trough our user-friendly software Skydetect and our team is available to assist you in finding the best settings thanks to our remote support.

Our weather radar is made for communicating with you in case of meteorological risk by Short Message Service (S.M.S) or any other solutions you chose.

Remote services

Our technical team is there to help you adjust the settings on your radar, by mail, by phone or directly on your device via the Internet.

You also have a personal account on Meteo-Radar.com that you can consult at any time and which lists the weather pictures of the last 3 days.

M a n u f a c t u r e r

Sarl I.C.E

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