



WEATHER RADAR DATASHEET

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
Video output	VGA

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	100Nd relative

Installation and Service operations

Mounting time + adjustments and tests
Between 2 and 4 days

Maintenance

Each year - Wearing parts replacing compulsory

Présentation

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.

Applications

Meteorological applications :

Aviation - Petroleum platform
Hail protection : Solar panels fields -
Agriculture (fruit or flower growers) -
Greenhouses - Car factory



Equipment compliant with European rules. 

I.C.Electronics Sarl

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