ZERMATT (SWITZERLAND)

RADAR

Avalanche detection
Installation AT DISTANCE

TO MONITOR IN REAL TIME THE NATURAL OR TRIGGERED AVALANCHE ACTIVITY WITH ALARM MANAGEMENT TOOLS AND/OR AUTOMATIC ACCESS CLOSURES

Automatic avalanche detection using radar technology, operating in all weather conditions, day and night.

TECHNICAL SPECIFICATIONS

MAIN
- Weight : 50kg
- Range : from 600m to 5km
- Covered area : from 300m2 to 10km2
- Horizontal opening angle : from 60° to 90°
- Vertical opening angle : from 15° to 30°
- Frequency : 10-10.5GHz

POWER
- Grid power *(consumption 50W)*
- Battery charged by solar panels
- Fuel cell *(in option)*

COMMUNICATION
- GPRS / 3G / 4G
- GSM

VISUALIZATION
- Web interface on PC
- Web interface on smartphone
- PTZ Camera *(Pan-Tilt-Zoom)* included

OPTION
- Alarm system
- People detection
- Anti-snow system

FUNCTIONAL ADVANTAGES

FLEXIBLE
Its positioning outside the avalanche paths (on the opposite side of the area to be monitored) allows a quick and adaptable installation to the site whatever the time of the year.

No work in the mountains

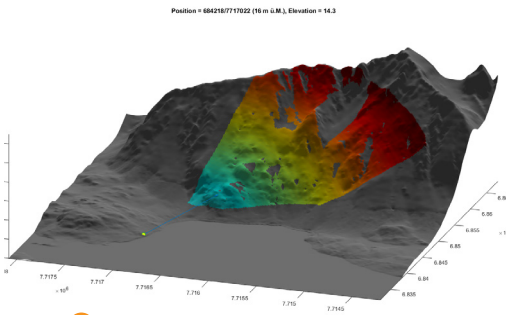
POSSIBLE COMMISSIONING IN A FEW HOURS

STUDY
The installation of one or more temporary radars in risk areas allows the study over a few winters of the avalanche activity to assist in accurate positioning of future avalanche triggering systems.

Avalanche activity analysis

ASSISTANCE TO IMPLANTING

YOUR BENEFITS



COMPLETE

Real-time hazard control
This solution allows the automatic sending of alerts (SMS, email or calls) or the remote management of traffic lights or closing barriers.

IDEAL FOR MANAGING THE SAFETY OF ROADS OR RAILWAYS

TRIGGERING

People in motion detection
Also working in any weather and at any time, this optional solution allows the user to ensure the absence of hikers or skiers near a triggering system before firing a shot.

INCREASED SAFETY