



The video system that detects farming activities around wind turbines in real time

Solutions & expertise

High-performance solution :

- ▶ Detection **up to 500 m** around wind turbines
- ▶ **Targeted monitoring** of selected fields
- ▶ **Automatic alerts** when activity is detected
- ▶ Multi-step verification: **AI & operator confirmation**

Detection expertise :

- ▶ **Continuous monitoring** of relevant agricultural areas
- ▶ **Fewer false alerts** through verification
- ▶ **Full traceability** with time-stamped events

Technical expertise :

- ▶ **Compatible** with SafeWind® technology
- ▶ **Dedicated web interface** with event history
- ▶ **Customized configuration** for each wind farm

Performance & security

Ensuring performance :

- ▶ **Notifications** via e-mail or SMS
- ▶ **Optional automatic** turbine shutdown
- ▶ **Full history** accessible online
- ▶ **Reliable detection** with secure data archiving

Ensuring availability :

- ▶ Continuous **supervision** of system performance
- ▶ **Automatic alerts** in case of anomaly (hardware/software)
- ▶ **Anticipation** of potential failures

Cybersecurity :

- ▶ **Secure storage with guaranteed** data accessibility
- ▶ **Reinforced protection** (firewall, VPN)
- ▶ **Continuous support** by a dedicated team

Tailored service

- ▶ **Custom settings to match each wind farm's layout and needs**
- ▶ Scalable solution, adaptable to future requirements
- ▶ **Site-specific installation for optimal coverage**

Low maintenance costs

- ▶ **Robustness & durability** : Industrial-grade material with minimal wear
- ▶ **Remote maintenance**

Customer support

- ▶ **Personalized assistance according to project needs**
- ▶ **Dedicated hotline**
- ▶ Direct contact with specialized technicians

Specifications & equipment

Hardware :

- ▶ **4K horizontal cameras**
- ▶ Processing & local storage unit
- ▶ Network connection for alert transmission



Options

4G & satellite network; SCADA communication

Technical features :

- ▶ **Magnetic and stainless-steel strap mounting**
- ▶ Industrial-grade equipment, CE certified
- ▶ IP66 cameras
- ▶ Resistant to extreme temperatures: -30 °C to +47 °C

Installation & support

- ▶ Installation by GWO-certified technicians
- ▶ **Compatible with all turbine manufacturers (Vestas, Nordex, Siemens, ...)**
- ▶ Post-installation follow-up with immediate verification
- ▶ **Training provided for operators**



Agricultural activity analysis
through video detection