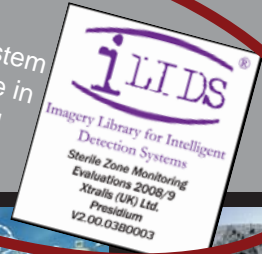


# Xtralis ADPRO

## Perimeter and Site Protection

iLIDS® approved  
primary detection system  
for operational alert use in  
sterile zone monitoring  
applications



### Make Xtralis ADPRO Your First Line of Defense

The point of entry to a secure area for any intruder is the perimeter. Keep this protected, and the valuable assets within your premises are equally secure.

There are numerous examples of high-profile sites and critical infrastructure that require comprehensive protection around the clock:

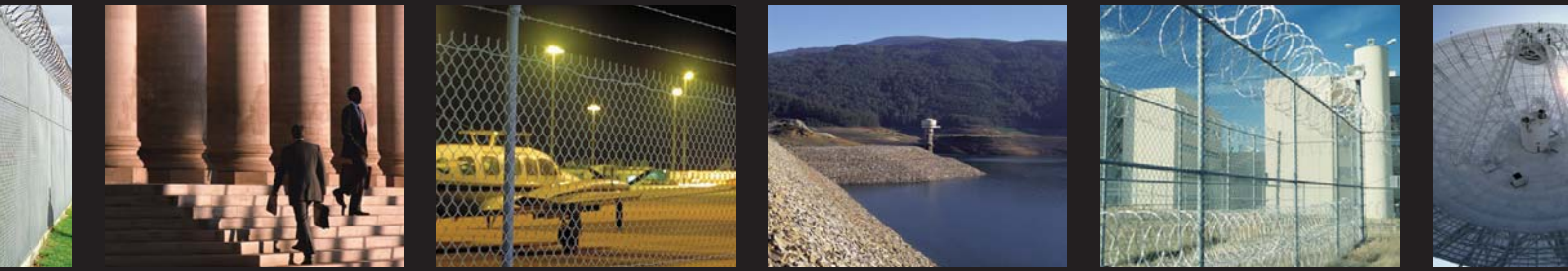
- Homeland Security Infrastructure
- Petro-Chemical Sites
- Utilities and Power Generation sites
- Water Facilities
- Military and Defense Installations
- Factories and Warehouses
- Airports
- Government Agencies
- Nuclear Facilities
- Communication Centres
- Company Headquarters
- Prisons
- Auto Dealers

In each instance, detecting unauthorised persons entering or exiting a site is essential, no matter what the application or the environment. But protecting specific areas within a site – ‘perimeters within perimeters’ – is also critical, and protecting high-value plant and equipment requires solutions that extend beyond the first line of defense, into the very heart of the installation.

**Xtralis ADPRO Presidium intelligent intrusion detection system, when combined with our Xtralis ADPRO PRO passive infra-red detector technologies, deliver maximum detection performance and minimum nuisance alarm probability in the most demanding outdoor applications.**

### Benefits:

- High detection probability in a wide variety of scenarios
- Low likelihood of nuisance alarms
- Standard interfaces for simple system design
- Easily expandable through scalable architecture
- Modular design easily adapts into any third-party security system
- Proven performance even in the most demanding environments
- Tamper detection for secure operation
- High-performance PIR models available for harsh environments
- Remote configuration and management for low TCO



## Xtralis ADPRO Solutions

The Xtralis ADPRO perimeter portfolio includes:

- Xtralis ADPRO Presidium - Intelligent CCTV-based Intrusion Detection System
- Xtralis ADPRO PRO Series - High-performance Passive Infrared Detectors

Xtralis has a long history in protecting high-security sites and has evolved the ADPRO line of detectors to ensure ease of set up and operation, without compromising on detection performance.

### Intelligent Intrusion Detection Technology

The Xtralis ADPRO Presidium is an intelligent video system that gives the highest likelihood of detecting intruders under a wide range of outdoor conditions with minimal nuisance alarm rates. Detection can be tailored for specific applications based on the level of perceived threat, with uncompromised performance during periods of scene change.

The Xtralis ADPRO Presidium also features automatic scene learning and intelligent algorithms to dramatically reduce nuisance alarm rates caused by small animals, trees and their shadows, car headlights and adverse weather conditions such as snow, heavy wind or rain and cloud shadows – typical problems experienced in external perimeter applications.

### High-Performance Passive Infra-Red Detectors

The Xtralis ADPRO PRO Series are highly reliable, standalone passive infra-red detectors designed for outdoor protection. Xtralis ADPRO PRO detectors detect human targets up to 150 metres away by sensing temperature differences between the targets and the background. Due to the passive operation of the unit, the area being protected cannot be identified by the intruder, and the detectors are reliable in difficult conditions, including low visibility, snow or fog.

Xtralis ADPRO detectors automatically adjust performance to suit the current conditions and include the following powerful nuisance alarm rejection technologies:

- Superior digital signal processing to reduce or eliminate nuisance alarms caused by moving vegetation, small animals and sudden environmental changes
- Automatic temperature compensation to assure optimal detection probability during varying local conditions
- Mirrored optics for very clear lines of detection
- Ruggedised models for harsh locations include a heater for cold environments and silicon wafer front window

The Xtralis ADPRO line of detectors are available in a variety of models, including gap-free long and medium range full curtains and various medium to wide angle area patterns. **All detectors feature remote diagnostics and configuration for fast and effective troubleshooting and re-configuration.**

All detectors are contained within a weather-proof housing and protected against dust and moisture to ensure reliable operation.

### Maximising Technology Potential

For a complete remote monitoring solution, Xtralis ADPRO Presidium and the Xtralis ADPRO PRO series can be seamlessly integrated with the Xtralis ADPRO FastTrace multi-site security and remote video and audio transmission (FastTx) systems and VideoCentral Gold, providing real-time proactive alerts to a central monitoring station.



[www.xtralis.com](http://www.xtralis.com)

**The Americas** +1 781 740 2223 **Asia** +852 2916 8894 **Australia and New Zealand** +61 3 9936 7000  
**Continental Europe** +32 56 24 19 51 **UK and the Middle East** +44 1442 242 330

The contents of this document are provided on an "as is" basis. No representation or warranty (either express or implied) is made as to the completeness, accuracy or reliability of the contents of this document. The manufacturer reserves the right to change designs or specifications without obligation and without further notice. Except as otherwise provided, all warranties, express or implied, including without limitation any implied warranties of merchantability and fitness for a particular purpose are expressly excluded.

This document includes registered and unregistered trademarks. All trademarks displayed are the trademarks of their respective owners. Your use of this document does not constitute or create a licence or any other right to use the name and/or trademark and/or label.

This document is subject to copyright owned by Xtralis AG ("Xtralis"). You agree not to copy, communicate to the public, adapt, distribute, transfer, sell, modify or publish any contents of this document without the express prior written consent of Xtralis.

Document: 14409\_03

