

ADPRO Presidium Mini

Video Motion Detector



Features

- i-LIDS® approved primary detection system for operational alert use in sterile zone monitoring applications
- Advanced algorithms to maximise target detection and tracking under a wide range of environmental conditions
- High resilience to unwanted alarms from small animals, clouds, wind and rain
- Multiple free-form trigger areas
- Contrast alarms for sabotage detection
- Video-loss detection for camera, lens or cable failure
- Easy to commission via quick setup feature

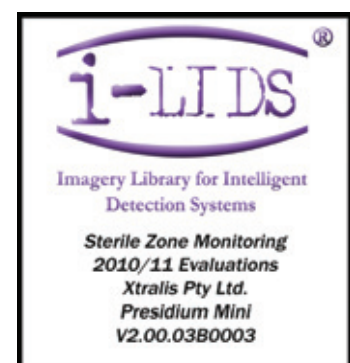
New Advanced Features

Xtralis has developed additional functionality to enhance the ADPRO Presidium Mini's detection capability and reduce unwanted alarms to near zero.

- Directional object detection
- Dual edge trigger areas used to qualify alarms
- Single-edge target detection
- Timer-enabled detection for sterile-zone loitering

Applications

- Outdoor perimeter and area detection
- Traffic reverse flow detection
- Virtual barrier crossing
- Tunnel entrance protection
- No-go area detection
- Prison and airport perimeters
- Quarantine-area protection



The dual-channel ADPRO Presidium Mini by Xtralis is part of the latest generation of video motion detection systems designed specifically for outdoor perimeter and area protection applications.

With Xtralis' more than 20 years of experience in video-based outdoor protection, the ADPRO Presidium Mini is the ideal combination of research and development with real-world know-how.

With the focus on prevention rather than post-alarm analysis, the potential for loss to your property is greatly reduced.

ADPRO Presidium Mini provides reliable intrusion detection in a wide range of indoor and outdoor applications.

Reliable Detection

The system employs flexible lighting compensation, multiple scene models, and practical object filters to provide reliable detection that can be tailored for specific applications, based on the level of perceived threat. Compared to other video based perimeter protection systems, ADPRO Presidium Mini's detection performance is not compromised during periods of scene change, e.g., in partially overcast windy conditions.

ADPRO Presidium Mini incorporates major advances in the reduction of false alarms caused by small animals, trees and their shadows, cloud shadows, car headlights, rain, etc. Automatic scene learning and intelligent algorithms dramatically reduce false alarms.

The new, advanced algorithms also allow users to set up special trigger areas within a camera view and to isolate and qualify a target's movement and direction, a capability that results in near zero nuisance alarm rates.

Easy to Use

An intuitive PC-based graphical user interface provides an intelligent wizard and pre-configured typical settings, which enable quick setup either onsite or remotely.

Flexible Integration

ADPRO Presidium Mini can be integrated easily into any new or existing system.

When used in conjunction with the ADPRO PRO Series outdoor PIR detectors and/or the ADPRO FastTrace video recording and transmission system, a combination of technologies is brought together to provide a superior outdoor security system for remote surveillance.

Purpose-built Solution

The ADPRO Presidium Mini's hardware platform and embedded software, combined with real-time system monitoring, maintains reliable, uninterrupted operation. The system's small hardware footprint is suitable for desktop installation or wall mounting.

In addition, ADPRO Presidium Mini is designed for low-voltage operation and is suitable for mounting where mains voltage is not available and is easily supported during mains failure.

Specifications

Video Inputs

- 2 independent camera inputs. Each input 1 Volt p/p video input, 75 ohm or high impedance

Video Outputs

- 2 independent video outputs provide 1 Volt p/p video output when terminated by a 75 ohm load
- Each video output is designed to connect to a DVR or monitor to display the original video input signal plus additional alarm related information for easy alarm verification

Inputs Per Channel

- All external inputs are transient protected and designed to be driven by dry contacts or logic levels. Voltage input <0.8 V - logic low, 7 mA (max); between 3.5 V and 5.0 V - logic high. Screw terminal connectors Normally Open (NO), Normally Closed (NC), Single End of Line (SEOL) or Dual End of Line (DEOL) tamper detection on each input using supplied resistors.
- Input isolation to disable detection, no video and contrast alarms
- Alarm input with programmable hold time

Access/Secure Input

- Screw terminal connector
Programmable as Normally Open (NO), Normally Closed (NC), SEOL, DEOL

Outputs Per Channel

- Alarm output relay activates when alarm condition in field of view of camera is met. In addition, output relay can be configured to activate for 'no-video' and/or contrast alarms

Outputs Per Unit

- 1 fault relay (SPDT) activates on the occurrence of any system fault: power loss, over temperature condition, system reset

Network Connections

LAN 10BaseT / 100BaseT Ethernet Port supporting TCP/IP

Setup

Setup via an intuitive, PC based utility that connects to the unit via a network connection

Voltage and Power Requirements

12 V DC, 1.5 A. Maximum power dissipation 18 W. Universal AC power adaptor supplied

Dimensions (Enclosure Only)

263 mm (10.3") W x 73 mm (1.3") H x 236 mm (9.3") L

Weight

2 kilograms (4.4 pounds)

Temperature Range

Operating range 0°C - 40°C (32°F - 104°F)
Humidity less than 90% non-condensing

EMC Compliance

Emissions: Class A compliance to EN55022:1998 +A1+A2, AS/NZS CISPR 22:2006, FCC Part 15
Harmonic Current Emissions: EN61000-3-2:2000
Voltage Fluctuations & Flicker: EN61000-3-3:1995 +A1
Immunity: EN50130-4:1995 + A1 + A2 (Alarm Systems Product Family Immunity Standard)

Safety Compliance

IEC 60950-1:2001 (CB Report including national deviations for AU, CA, KR, US and EU Group) when used with supplied universal AC power adaptor

Warranty

Twenty four (24) months on all components

Ordering Information

Model	Part Number - Description
PDM-MINI	202182 - Presidium Mini

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