

# IntrusionTrace™ Application License

## Video Analytic for Intelligent Perimeter Detection

The Xtralis IntrusionTrace application, by Honeywell, provides high performance intrusion detection using video analytics specifically designed for 24/365 outdoor operation. Optimized using footage from thousands of hours of video covering a range of environmental, seasonal and time-of-day variations, the analytics achieve low false alarm rates while maintaining high detection probability and reliability. With simple “region of interest” configuration for the majority of scenes, IntrusionTrace can be adapted to a wide range of applications. Whether monitoring a yard, providing remote access control to a site, or creating a virtual fence around a supply depot, IntrusionTrace delivers performance where it is needed.

IntrusionTrace is now available for server platforms and edge devices. Supporting up to 32\* channels on ADPRO® devices and up to 8\* channels on HeiTel devices, IntrusionTrace complements the powerful recording, transmission, alarm handling and flexible licensing capabilities of these established platforms with high performance video intrusion detection. IntrusionTrace also supports Honeywell and Axis edge devices such as video cameras and encoders. Running on the device itself, IntrusionTrace takes analytics to the video source, providing self-contained, high performance intrusion detection on a networked device. Close integration with the device platform ensures compliant event management and alarm reporting for seamless system integration. Where supported, device I/O can facilitate double-knock options and trigger local notifications for even greater utility. IntrusionTrace on the edge complements the rack-mount and mobile platforms with a simple camera approach to give solutions for every scenario.

### Licensing

IntrusionTrace is a software-only, licensed product. Licenses are available in bundles, and trial licenses are available free of charge. Speak to your salesperson for details. You can visit [www.xtralis.com/analytics](http://www.xtralis.com/analytics) for the latest information on the product, and [www.xtralis.com/license](http://www.xtralis.com/license) for information on the flexible licensing options available.



### Specifications

- 24 hr/365 day outdoor algorithm for perimeter and sterile zone applications
- Integrates advanced algorithms to maximize target detection and tracking
- Detects crawling, rolling, running and slow moving targets
- Up to 16 (directional) detection zones per video channel
- Each detection zone can have its own set of parameters, to allow detection of small/large, fast/slow targets in the same scene
- Improved sensitivity controls for reducing false alarms from spiders, cloud shadows, etc.
- Support for analog\*, IP, thermal and visible light cameras
- Bounding box visualisation is available on supported CMS and VMS software for rapid alarm verification

### Camera Considerations

Note that IntrusionTrace should only be used in the home position of PTZ cameras. Also note that built-in ring-lights on cameras are not recommended for 24/7 outdoor analytics applications; other sources of lighting should be considered.

\* Hardware dependent

\*\* IntrusionTrace version 1.26 running on FastTrace 2E

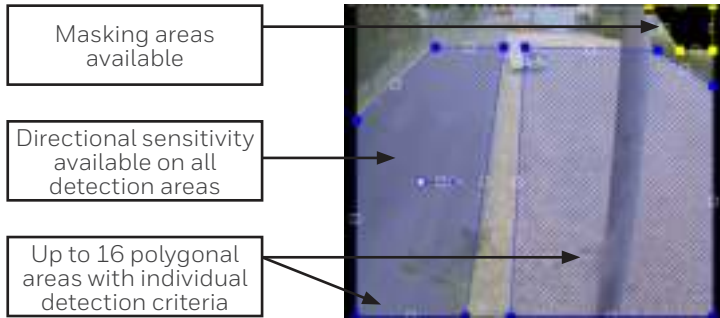
## FEATURES AND BENEFITS

- |   |   |   |  |   |
|---|---|---|--|---|
| <ul style="list-style-type: none"> <li>• One-person setup</li> <li>• Fast and easy commissioning with simple region of interest detection</li> <li>• Flexible detection within the same scene by criteria per detection zone</li> </ul> | <ul style="list-style-type: none"> <li>• 3D calibration, with no learning time</li> <li>• Powerful advanced parameters for improved detection probability and false alarm reduction</li> <li>• Spider/insect alarm reduction</li> </ul> | <ul style="list-style-type: none"> <li>• Car headlight alarm reduction</li> <li>• Full integration ensures alarm handling and transmission is consistent with the platform’s capabilities</li> <li>• Up to 16 zones or directional zones per channel</li> </ul> | <ul style="list-style-type: none"> <li>• i-LIDS® approved** as primary detection system for operational alert used in sterile zone monitoring applications</li> <li>• I/O and talk-down to sites for reacting on IntrusionTrace events*</li> </ul> | <ul style="list-style-type: none"> <li>• Advanced logic to provide double/triple knock with PIR detectors and other alarms*</li> <li>• Recording modes and ability to tag events for later review (with bounding boxes)*</li> </ul> |
|---|---|---|--|---|

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## Quick and Easy Setup

- Calibration is a simple 2-position measurement
- Detection areas are quickly drawn and easily adjusted
- Out-of-the-box default settings suit most applications
- Powerful, intuitive, advanced parameters are available for challenging views



## Rapid Verification

- Analytic bounding boxes highlight what caused the alarm
- Breadcrumb trails show the paths the intruders took
- Boxes and trails are available for live and stored video



Standard default parameters for easy setup covering the majority of scenes



Powerful advanced parameters allow site-specific false alarms to be minimized



Detect objects with 'conflicting' criteria in the same scene

Minimum Time = 4 seconds

Minimum Time = 0.5 seconds



Sterile Zone Application



Thermal Camera Support



Car Headlight Alarm Reduction



Spider/Insect Alarm Reduction

## ORDERING

49975830*	IntrusionTrace on Honeywell Cameras License Demo – 1 Channel
49975831*	IntrusionTrace on Honeywell Cameras License Perp – 1 Channel
49975832*	IntrusionTrace on Honeywell Cameras License Perp – 2 Channels
49975833*	IntrusionTrace on Honeywell Cameras License Perp – 4 Channels
49975834*	IntrusionTrace on Honeywell Cameras License Perp – 8 Channels
49975835*	IntrusionTrace on Honeywell Cameras License Perp – 16 Channels
49975836*	IntrusionTrace on Honeywell Cameras License Perp – 32 Channels
49975837*	IntrusionTrace on Honeywell Cameras License Perp – 64 Channels
49975838*	IntrusionTrace on Honeywell Cameras License Perp – 128 Channels

\* Honeywell camera licenses. For XO, ADPRO and Heitel devices, see other IntrusionTrace license options.

COMPATIBLE HONEYWELL CAMERAS	
HBL6GR2	6 MP Rugged IR Network Bullet Camera
HBD8GR1	4K Rugged IR Network Bullet Camera
H4L6GR2	6 MP Rugged IR Network Minidome Camera
H4D8GR1	4K Rugged IR Network Minidome Camera
HCD8G	4K Network Box Camera
HFD6GR1	6 MP Rugged IR Network Fisheye Camera
HFD8GR1	12 MP Rugged IR Network Fisheye Camera
HEPZ302WO	1080p Explosion-Proof Network PTZ Dome
HDZ302DE	1080p 6" Indoor/Outdoor Network PTZ Dome
HDZ302D	1080p 5" Indoor/Outdoor Network PTZ Dome
HDZ302DIN	1080p Indoor In-Ceiling Network PTZ Dome

## For more information

[www.xtralis.com/analytics](http://www.xtralis.com/analytics)  
[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

## Honeywell Security and Fire

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