



Introducing the ADPRO iFT Series, the next generation of Remotely Programmable Multi-service Gateways (RMG) from Xtralis, offering low total cost of ownership (TCO) for ADPRO multi-service features, quality, and reliability in a super IP solution.

The ADPRO iFT-E is the “32:32 vision” IP video multi-service platform that runs the powerful XO 4 Security Operating System. It is the only NVR out there that offers full remote monitoring features such as arming/disarming, event quad pictures, and reliable transmission via a proprietary acknowledge protocol. The iFT-E optimises bandwidth use for high quality recording by multistream camera connections, adapting video transmission to the available bandwidth.

The Xtralis Xchange cloud server application allows you to easily manage the iFT-E and deliver instant remote solutions. Mobile apps, such as iTrace, offer remote accessibility for 24/365 control wherever you are.

### Features

- Scalable: up to 32 IP cameras and up to 32 analytics channels (32:32 vision)
- Support for all major camera brands: ACTI, Arecont, Avigilon, Axis, Bosch, Brickcom, Hikvision, Hikvision AVE, Honeywell Performance\*, Honeywell equiP\*, Honeywell HDZ\*, JVC, Panasonic, Pelco, Samsung, Sanyo, Sony, and support for cameras with ONVIF Profile S Driver
- Expandable: up to 156 inputs and 140 outputs (8 in/4 out on the box)
- Easy IP camera connection via ONVIF Profile S protocol
- Video recording, video analytics, and transmission (all remote monitoring ready)
- Reliable data storage: up to 4 x 10 TB HDD, RAID 1 support (needs minimum 2 equal HDD)
- Integrated xTrace video content analytics (VCA) in XO 4: IntrusionTrace, LoiterTrace and SmokeTrace
- 2-way audio: enables instant remote communication to/from site
- High-level integration with ADPRO PRO E-Passive Infrared (PIR) Detectors, including communication over IP, intelligent double knock, and creep zone alarm
- Remote deployment: commissioning, set-up, configuration and management
- Field programmability via Xtralis Xchange licensing tool: rapid deployment of Xtralis xTrace Analytics (pay-as-you-grow), video licenses, and firmware updates
- Mobile apps for remote monitoring, verification, and control
- CMS command and control platforms: VideoCentral Platinum (VCP), Event Management System (EMS) and iOS/Android iTrace App
- Open platform: easy integration with third-party software (XO-SDK)
- BS8418-2015 compliant\*\*
- DGUV-UVV Kassen certified

### Key Benefits

Superior detection and low false alarm rate with low CapEx. Highest quality of protection at a low TCO.

- Highest site protection: powerful new XO 4 delivering intrusion, loitering and smoke verification analytics.
- Reliability: ADPRO proprietary transmission protocol is 100% reliable with guaranteed alarm reception by acknowledgement and redundant transmission; Site Pulse protocol life check.
- Efficiency: H.264 video compression and multistream for optimal bandwidth usage while providing the highest quality video for recording and viewing.
- Low TCO: up to 32 IP cameras per device yielding the lowest price per channel.
- Easy management of multiple remote sites improves efficiency and reduces personnel cost. Full remote site surveillance and control, extending human guard surveillance.
- Speed: rapid assessment of video alarm images allows to quickly identify the alarm cause, optimizing real-time intervention while reducing expensive nuisance alarm responses.
- Alarm reception in less than 7 seconds.
- Extremely fast, intelligent search on motion metadata after recording.
- VMD: 4 zones per camera.
- User-friendly: easy-to-use XO client for configuration and management.
- Xchange tool for adding and transferring video and VCA licenses on-site.
- 360° camera support + image de-warping: see everything, everywhere, always.



\* The Honeywell Performance, equiP, and HDZ series IP cameras are supported from version XOa 3.2.33.

\*\* Code of Practice for the installation and remote monitoring of detector activated CCTV systems.

### Specifications

<b>Operating System</b>	ADPRO® XO™ Security Operating System, Linux based
<b>Video Input</b>	1–32 IP cameras
<b>Video Output</b>	XGA – Multiple matrix type views
<b>Video Compression</b>	H.264
<b>Video Resolution</b>	Up to HD/MP resolution*
<b>Images/Second</b>	Full HD @25/30 ips – MPixel: ips is camera dependent
<b>Bandwidth Capacity</b>	32 x 5 Mbps
<b>Bandwidth Management</b>	Configurable variable or constant bitrate / Configurable bandwidth limiter
<b>Audio Input</b>	Built-in audio input supported*
<b>Audio Output</b>	Standard 1 line level output. Optional: up to 1 per camera via audio switcher(s). Audio out on IP cameras* with ONVIF Profile S driver
<b>Command Inputs</b>	8 inputs on the box (balanced), + 20 inputs (balanced) via XO I/O Interface USB module Via Ethernet I/O module with PoE: up to 128 (go – no go)
<b>Relay Outputs</b>	4 outputs on the box (SPDT), + 8 outputs (SPDT) via XO I/O Interface USB module Via Ethernet I/O module with PoE: up to 128 (SPDT)
<b>Web Server</b>	XO client – integrated web client application (ActiveX)
<b>Ethernet</b>	2 x 100/1000BASE-T, autodetection, full duplex, RJ45
<b>Recording Type</b>	Schedule / Detection / Event
<b>IP Camera Integration</b>	Brand specific, Generic, or ONVIF Profile S* driver
<b>Management</b>	Web client interface (XO client), ADPRO VideoCentral Platinum, HeiTel Event Management Software, third-party software (SDK available) and iOS/Android iTrace App.
<b>Power Supply</b>	100–240 VAC, 50/60 Hz
<b>Operating Temperature</b>	5–40 °C
<b>Humidity</b>	20–93 % RH non-condensing
<b>Disk Capacity</b>	Max. 4 x 10 TB SATA hard disks. RAID 1 support (= min. 2 equal HDD)
<b>Warranty</b>	2 years
<b>Dimensions (W x H x D)</b>	441 x 88 x 305 mm (17.36" x 3.46" x 12.00")
<b>Analytics</b>	Basic motion detection (VMD), camera sabotage detection. Up to 32 analytic channels for IntrusionTrace™, LoiterTrace™, and SmokeTrace™ (separate datasheets available)
<b>Mobile Apps</b>	iTrace, iPIR, iCommission, and iRespond
<b>Ordering Code</b>	63021510 ADPRO iFT-E 8IP-4TB-8I-4O (4 HDD ready) 63041610 ADPRO iFT-E 16IP-6TB-8I-4O (4 HDD ready)

\* Camera dependent. List of supported IP cameras is available on [www.xtralissecurity.com](http://www.xtralissecurity.com)

### Mobile Apps

- iTrace: remote monitoring, verification, and control (iOS and Android).
- iRespond: provides first responders (police, fire brigade, etc.) with real-time situational awareness (iOS).
- iPIR: allows one person to commission ADPRO PRO E-PIRs: wireless walk testing and parameter adjustment (iOS).
- iCommission: allows one person to vertically align ADPRO PRO E-PIRs (iOS).



### XO 4

The XO Security Operating System expands the feature-rich, multi-service capability of the ADPRO RMGs. XO 4 enables an iFT-E to support up to 32 IP camera channels with up to 32 analytics channels simultaneously allowing a customer to leverage xTrace analytics for intrusion & loitering detection, visual smoke verification and building management capabilities while providing immediate remote response. It provides live 24/365 unbreakable transmission of very high quality video events to remote monitoring stations; providing deterrence through multi-level response, including audio, lighting/door controls, HVAC, as well as first responder dispatch. XO 4 provides the first technology solution to effectively augment human guards security with intelligent and accurate detection more cost effectively with higher reliability. Customers deploying XO 4 can employ a “pay as you grow” security approach, using analytics where and when they are needed.

### xTrace Analytics

Add-on video analytics:

- IntrusionTrace: outdoor video verified perimeter detection for sterile zone monitoring (car dealerships, solar parks, power generation facilities, and warehouses). For more information on i-LIDS® certification, refer to document no. 21802.
- LoiterTrace: video verified loitering detection for indoor & outdoor applications (graffiti, parks, carparks, school grounds and construction areas).
- SmokeTrace: remote visual smoke verification (nuclear power plants, transformer rooms, shopping malls and transportation hubs).



<http://www.xtralis.com/iFT>

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

**UK and Europe** +44 1442 242 330 **D-A-CH** +49 431 23284 1 **The Americas** +1 781 740 2223

**Middle East** +962 6 588 5622 **Asia** +86 21 5240 0077 **Australia and New Zealand** +61 3 9936 7000

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.

Xtralis, the Xtralis logo, The Sooner You Know, VESDA-E, VESDA, ICAM, ECO, OSID, HeiTel, ADPRO, IntrusionTrace, LoiterTrace, ClientTrace, SmokeTrace, XQa, XOn, iTrace, iCommand, iRespond, iCommission, iPIR, and FMST are trademarks and/or registered trademarks of Xtralis and/or its subsidiaries in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). 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. 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.

Doc. no. 27859\_07