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/H.265 video compression and multistream for optimal bandwidth usage while providing the highest quality video for recording and viewing.
- Low TCO: 32 IP cameras scale up to 16+16 (video and analytics) by trade-off principle.
- 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.

Introducing the ADPRO iFT Series, the next generation of ADPRO NVR+ platforms, offering low total cost of ownership (TCO) for ADPRO multi-service features, quality, and reliability in a super IP-solution.

The ADPRO iFT is the series' entry model, offering up to 32 IP channels that scales up to 16 IP channels with 16 analytic channels. This IP video multi-service platform 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 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 and deliver instant remote solutions. Mobile apps, such as iTrace, offer remote accessibility for 24/365 control wherever you are.

Features

- Offering up to 32 IP channels that scales up to 16 IP channels with 16 analytic channels (trade-off 1 IP channel for 1 analytics channel)
- 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 3 x 10 TB HDD, RAID 1 support (needs minimum 2 equal HDD)
- Integrated xTrace video content analytics (VCA) in XO 4: IntrusionTrace and LoiterTrace
- 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)
- BS 8418:2015 compliant***
- DGUV-UVV Kassen certified

DGUV *bsi.*

* If a 12 Megapixel IP camera is used with the XO enabled iFT Series, then a maximum of 12 cameras, with a maximum of 12 video analytics channels (IntrusionTrace and/or LoiterTrace) can be used.

** 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.

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Specifications

Operating System	ADPRO® XO™ Security Operating System, Linux based
Video Input	1–32* IP cameras
Video Output	XGA – Multiple matrix type views
Video Compression	H.264/H.265**
Video Resolution	Up to HD/MP resolution***
Images/Second	Full HD @25/30 ips – MPixel: ips is camera dependent
Bandwidth Capacity	32 x 5 Mbps
Bandwidth Management	Configurable variable or constant bitrate / Configurable bandwidth limiter
Audio Input	Built-in audio input supported***
Audio Output	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
Command Inputs	8 inputs on the box (monitored), + 20 inputs (monitored) via XO I/O Interface USB module Via Network I/O module with PoE: up to 128****
Relay Outputs	4 outputs on the box (SPDT), + 8 outputs (SPDT) via XO I/O Interface USB module Via Network I/O module with PoE: up to 128 (SPDT)
Web Server	XO client - integrated web client application (ActiveX)
Ethernet	2 x 100/1000BASE-T, autodetection, full duplex, RJ45
Recording Type	Schedule / Detection / Event
IP Camera Integration	Brand specific, Generic, or ONVIF Profile S*** driver
Management	Web client interface (XO client), ADPRO VideoCentral Platinum, HeiTel Event Management Software, third-party software (SDK available) and iOS/Android iTrace App.
Power Supply	100–240 VAC, 50/60 Hz
Operating Temperature	5–40 °C
Humidity	20–93 % RH non-condensing
Disk Capacity	Max. 3 x 10 TB SATA hard disks. RAID 1 support (min.2 x equal HDD)
Warranty	2 years
Dimensions (W x H x D)	441 x 88 x 305 mm (17.36" x 3.46" x 12.00")
Analytics	Basic motion detection (VMD), camera sabotage detection. Up to 16 analytic channels for IntrusionTrace™ and LoiterTrace™ (separate datasheets available)
Mobile Apps	iTrace, iPIR, iCommission
Ordering Code	60021310 ADPRO iFT 8IP-2TB-8IN/4OUT 60041610 ADPRO iFT 16IP-6TB-8IN/4OUT

* For optimal performance, disable monitor output when using more than 16 IP cameras

** H.265 supported with Hikvision and generic drivers.

*** Camera dependent. List of supported IP cameras is available on www.xtralissecurity.com

**** Monitored or unmonitored inputs depending on Net I/O unit V2 hardware and V2 firmware.

Mobile Apps

- iTrace: remote monitoring, verification, and control (iOS and Android).
- 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 NVRs. XO 4 enables an iFT to support up to 32 IP camera channels without analytics with the ability to scale with a 1:1 trade-off (1 IP channel for 1 analytics channel) up to 16 IP channels with 16 analytics channels simultaneously. This allows a customer to leverage xTrace analytics for intrusion & loitering detection 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).

http://www.xtralis.com/iFT

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