

ADPRO® FastTrace™ 2E-RMG

Remotely Managed Multi-service Gateway (RMG)



The ADPRO FastTrace 2E is the best-in-class video recording and alarm transmission solution available. This hardware platform runs the new ADPRO® XOa™ 3 SecurityPlus Remotely Programmable Operating System, to create a powerful Remotely Managed Multiservice Gateway (RMG). The RMG is scalable from 1 to 32 IP channels, 4 to 20 analogue channels, and up to 32 analytic channels.

This RMG solution provides video recording, bi-directional audio for deterrence, transmission over any network, and remotely downloadable video content analytics (VCA). It detects threats to a facility through automatic video detection and visual verification. Its superior detection capabilities offer significant installation and operational cost savings compared to traditional intrusion detection methods.

Features

- Flexible: suitable for IP and analogue CCTV environments
- Scalable: up to 32 cameras, of which up to 20 analogue cameras
- Support for all major camera brands: Axis, Sony, Samsung, JVC, Bosch, ACTi, Hikvision, Pelco, and many others
- Expandable: up to 168 inputs and 144 outputs
- Superior data storage and reliability: up to 24 TB, RAID 1 support
- Integrated analytics (VCA) in XOa 3: IntrusionTrace, LoiterTrace, SmokeTrace, ClientTrace
- 2-way audio: enables instant remote communication to site
- High-level PIR integration with ADPRO PRO E (Passive Infrared Detectors), including communication over IP, intelligent double knock, and creep zone alarm
- Remote deployment: set-up, configuration and management
Field programmability via Xtralis Xchange licensing tool: rapid deployment of Xtralis VCA Applications (Xapps), video licenses, and firmware
Mobile apps for remote monitoring, verification, and control
- CMS command and control platforms: VideoCentral Platinum (VCP), M3000 Command and Control Center, and Event Management System (EMS)
- Open platform: easy integration with third-party software
- BS-8418-2015 compliant*
- DGUV-UVV Kassen certified

Key Benefits

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

- Improved site protection: powerful new XOa 3 including loitering, intrusion, smoke verification, and business intelligence Xapps
- Reliability: ADPRO proprietary transmission protocol is 100 % reliable. Guaranteed alarm reception by acknowledgement and redundant transmission; Site Pulse protocol life check
- Efficiency: H.264 video compression for optimal bandwidth usage while providing the highest quality video. Dual codec (analogue) or multistream (IP) for totally independent recording and viewing quality settings per camera
- Reduced TCO: up to 32 IP cameras per device
- Easy management of multiple remote sites improves efficiency and reduces personnel cost. Full remote site surveillance and control eliminates the need for on-site guards
- Speed: rapid assessment of video alarm images allows to quickly identify the alarm cause, optimising real-time intervention while reducing expensive nuisance alarm responses
- Alarm reception within 7 seconds
- Extremely fast, intelligent search on motion metadata after recording
- VMD: 4 zones per camera
- User-friendly: easy-to-use client for configuration and management. Xchange tool for adding and transferring video and VCA licenses on-site
- 360° camera support + image de-warping



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

Specifications

Operating System	ADPRO® XOa™ 3 SecurityPlus Remotely Programmable Operating System, Linux based
Video Input	Up to 32 video inputs. Modular: 4–20 analogue cameras; 1–32 IP cameras*.
Video Output	XGA – Multiple matrix type views
Video Compression	H.264
Video Resolution	Analogue: CIF/SIF, QCIF/QSIF, 2CIF/2SIF, 4CIF/4SIF IP: up to HD/MP resolution*
Images/Second	PAL/NTSC: up to 25/30 ips
Bandwidth Consumption	6 ips CIF, 70 kbps; 12 ips 4CIF, 400 kbps
Bandwidth Management	Configurable variable or constant bitrate / Configurable bandwidth limiter
Audio Input	Analogue: 1 per camera. IP: 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	On the box: up to 40, depending on model. Via Ethernet I/O module with PoE: up to 128
Relay Outputs	On the box: up to 16, depending on model. Via Ethernet I/O module with PoE: up to 128
Web Server	XOa client – integrated web client application (ActiveX)
Ethernet	2 x 100/1000BASE-T, autodetection, full duplex, RJ45
Recording Type	Schedule, Detection, Event
PTZ Cameras	Analogue: via RS-485 or coax (DTC). IP: brand specific or ONVIF Profile S*
Management	Web client interface (XOa client), ADPRO VideoCentral Platinum, HeiTel EMS management software, M3000 Command and Control Center, and third-party software (SDK available)
Power Supply	100–240 VAC, 50/60 Hz
Operating Temperature	5–40 °C; Ethernet I/O module: 0–40 °C
Humidity	20–93 % RH non-condensing Ethernet I/O module: ≤ 93 % RH non-condensing
Disk Capacity	Max. 4 x 6 TB SATA hard disks. RAID 1 support
Warranty	2 years
Dimensions	(W x H x L): 445 x 132 x 300 mm (17.52" x 5.20" x 11.8")
Ordering Information	Available models: IP, Hybrid, IP Tx, Hybrid Tx (Tx = transmission only). Please contact your local Xtralis ADPRO provider for detailed product information.
Analytics	Basic motion detection (VMD), camera tamper detection. IntrusionTrace™, LoiterTrace™, SmokeTrace™, ClientTrace™ (separate datasheets available)
Mobile Apps	iTrace, iPIR, iCommission, iRespond

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

Applications



XOa 3

The XOa 3 operating system enables full connectivity and detection capabilities.

Xapps

Add-on video analytics:

- **IntrusionTrace:** outdoor perimeter detection for sterile zone monitoring. i-LIDS® certified.
- **LoiterTrace:** indoor/outdoor loitering detection.
- **SmokeTrace:** remote visual smoke verification.
- **ClientTrace:** business intelligence analytics.



Mobile Apps

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



www.xtralis.com/FastTrace2E

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