

ADPRO® iFT™ Gateway

4 Channel Video Transmission

Introducing the ADPRO iFT Gateway, the entry level member of the XO-enabled NVR+ portfolio, offering full remote monitoring features that security professionals have come to trust from ADPRO.



iFT Gateway, the next generation of low cost IP video remote alarm transmission, offers 4 IP channels of video transmission with the option to easily add 4 channels of ADPRO analytics and event recording via MicroSD card. This platform is ideal for local retail, residential and remote site applications.

This IP video multi-service platform runs the powerful XO 4 Security+ operating system software offering full remote monitoring features such as arming/disarming, event quad pictures with the most reliable and secure transmission of alarms unlike competitive solutions that rely on insecure email transmission of alarms.

The iFT Gateway optimises bandwidth use for high quality transmission by multi-stream camera connections, adapting video transmission to the available bandwidth. Add up to 4 channels of ADPRO analytics and deliver instant remote monitoring solutions. Mobile apps, such as iTrace, offer remote accessibility for 24/365 monitoring and control, wherever you are.

FEATURES AND BENEFITS

- Offers up to 4 IP channels with the option to add the most advanced analytics for use internally and externally to all 4 camera channels
- Support for all major camera brands: ACTI, Arecont, Avigilon, Axis, Bosch, Brickcom, Hikvision, Hikvision AVE, Honeywell Performance, equiP, JVC, Panasonic, Pelco, Samsung, Sanyo, Sony, and support for cameras with ONVIF Profile S & T Driver
- V2 Network or USB I/O modules providing the option for fully monitored inputs
- Video event recording is possible using an optional MicroSD card
- 2 way audio is available via 2 way audio compatible cameras
- Optional advanced integrated video analytics; select ADPRO IntrusionTrace or ADPRO LoiterTrace analytics for each camera channel
- Easy to use commissioning, set-up, configuration and management tool
- Mobile app for remote monitoring, verification, and control
- CMS command and control platforms: Video Central Platinum (VCP), Event Management System (EMS) and iOS/Android iTrace App
- Open platform: easy integration with third-party software (XO-SDK)
- Superior detection and low false alarm rate with the highest quality of protection at an affordable price.
- Multiple applications:
 - Local Retail Stores
 - Residential
 - Temporary Protection
 - Small Remote Sites
- Highest site protection: powerful new XO 4 delivering intrusion and loitering analytics
- Reliability: ADPRO proprietary transmission protocol is 100%reliable with guaranteed alarm reception by acknowledgment and redundant transmission, including Site Pulse protocol life check
- Efficient video compression and multi-streaming for optimal bandwidth usage while providing the highest quality video for recording and viewing
- Low Cost: 4 IP cameras with optional 4 analytics channels
- 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 enables quick identification of the alarm cause, optimizing real-time intervention while reducing expensive nuisance alarm responses
- User-friendly XO client for easy configuration and management
- Advanced camera tamper enabled as of XO 4.2
- 360° camera support + image de-warping: see everything, everywhere, always

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ADPRO® iFT™ Gateway Specifications

OPERATIONAL	
OPERATING SYSTEM	ADPRO® XO™ Security Operating System, Linux based
VIDEO INPUT	4 IP cameras
VIDEO OUTPUT	N/A
VIDEO COMPRESSION	H.264 and H.265 - camera dependent using XO 4.2 and onward
VIDEO RESOLUTION AND IPS	4 analytics streams max 4 CIF/5fps max. 1Mbps, with analytic on each channel. 4 streams max. 1920x1080/25fps max. 2Mbps.
WIFI	802.11 b/g/n 2.4 Ghz Broadcom AP6212 module
BANDWIDTH CAPACITY	4 streams 1920x1080/25fps max. 2Mbps
BANDWIDTH MANAGEMENT	Configurable variable or constant bitrate / Configurable bandwidth limiter
AUDIO INPUT	Via approved cameras
AUDIO OUTPUT	Via approved cameras and local 2 V output impedance 600-Ω
ALARM INPUTS	Via XO I/O interface USB module: up to 20 Via Network I/O module with PoE: from 4 up to 128*
RELAY OUTPUTS	Via XO I/O interface USB module: up to 8 Via Network I/O module with PoE: from 4 up to 128
USB PORTS	2
WEB SERVER	XO client - integrated web client application (ActiveX)
ETHERNET	10/100 BASE-T, autodetection, full duplex, RJ45
RECORDING TYPE	Event recording on MicroSD card (not supplied), min. capacity 32 GB
IP CAMERA INTEGRATION	Brand specific, generic or ONVIF Profile S & T** driver
MANAGEMENT	Web client interface (XO client), ADPRO VideoCentral Platinum, Event Management Software, third-party software (SDK available) and iOS/Android iTrace App.
POWER SUPPLY	DC 5V/2A supplied via universal 120/240 VAC power supply
OPERATING TEMPERATURE	0-70 °C Storage Temp -10 to 70 °C
HUMIDITY	Humidity 5-90 % non-condensing
WARRANTY	Up to 2 years for return at customer cost of postage. No advance replacement.
DIMENSIONS (W X H X D)	101.6 x 101.6 x 23.6 mm
ANALYTICS	Advanced camera tamper with the option to add up to 4 advanced analytic channels of IntrusionTrace™ or LoiterTrace™, (separate datasheets available). Motion detection and post motion detection are included in iFT Gateway.
MOBILE APP	iTrace
ORDERING CODE	66000000 iFT Gateway
	49976020 iFT Gateway Analytic pack

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XO 4

The XO Security Operating System expands the feature-rich, multiservice capability of the ADPRO NVR+ platforms. XO 4 enables an iFT Gateway to offer 4 IP channels of video transmission with the option to easily add 4 channels of ADPRO analytics and event recording via MicroSD card. This allows a customer to leverage ADPRO analytics for intrusion and 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, as well as first responder dispatch. XO 4 provides the first technology solution to effectively augment human guard security with intelligent and accurate detection, cost effectively with higher reliability.

ADPRO Analytics

The following analytics are available for each camera channel:

- IntrusionTrace: outdoor video verified perimeter detection for sterile zone monitoring.
- LoiterTrace: video verified loiter detection for indoor and outdoor applications.

For more information on i-LIDS® certification, refer to document no. 21802. Please note: i-LIDS certification has been superseded by CPNI Classification - Approved for UK Government Use, for details contact CPNI.

ADPRO iFT Gateway Commissioning Tool

The ADPRO iFT Gateway Commissioning Tool commissions the ADPRO iFT Gateway device quickly and conveniently. Specify the IP address for the device, register and activate its system and IP licenses, and (optionally) add up to 4 ADPRO Analytics, in a single process and without rebooting. Once the ADPRO iFT Gateway is commissioned, launch the XO Client and start full configuration of the device from this tool.

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