

# iconnect 2-way wireless system

## Main Features



Wireless	FM
Arming options	Full or perimeter
Distress keys	Panic, fire, medical
Number of user codes	32 four-digit codes
Maximum number of zones	34
Wireless zones	32
Wired zones	2 on-board + 8-16 D.E.O.L.R with zone expander
Wireless PIR Cameras	Up to 8 two-way cameras
Wireless keyfobs	Up to 19 multifunction keyfobs
Wireless keypads	Up to 4 two-way keypads
Repeaters	Up to 4 two-way repeaters
Number of accounts	Up to 6 accounts for central station event reporting or vocal message event reporting to the end user.
Reporting protocols	Contact ID, SIA, SIA IP, SMS SIA, SMS Contact ID
End user notifications	SMS messages, e-mails, voice messages, follow-me numbers
Event log	1022 on the control panel, over 2000 logged on the ELAS
Voice messages	22 recorded event messages; Home ID
Speed dial numbers	1 service call
Web user application	Video verification, remote system activation and control, system settings, Event notification settings and PGM control
Mobile applications	Smartphone (iPhone, Android etc.) applications for video verification, remote system activation, system settings, event notification settings and PGM control

## End User Features

E-mail	Video verification and event notification
SMS options	Remote system activation and control, event notification and PGM control
DTMF options	Remote system activation and control, home automation control
Video verification	Smartphone applications, email and web
Audio verification	Voice message event notification, two-way audio, follow-me, listen-in

## Professional Options

Firmware upgrade	Local firmware upgrades via a standard USB cable
Remote firmware upgrade	Upgrade firmware via IP or GPRS
Remote programming	Via PSTN, GSM, GPRS or IP

## Wired Accessories

Wired zone expander	Inputs: 8 wired zones, AC, backup battery, tamper, Bus. Outputs: 2 aux. power, 2 programmable outputs
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## Modules

PSTN	Event notification, two-way audio, remote programming, listen-in, DTMF control
GSM	Event notifications, SMS remote activations, two-way audio, remote programming, listen-in, DTMF control
Ethernet (IP Module)	Remote firmware upgrades, e-mails, event notifications (Including SMS via the ELAS), remote programming
GPRS	Remote firmware upgrade, e-mail, event notifications (Including SMS via the ELAS), remote programming

## Hardware Features

Auxiliary power	1 output; 100 mA max. 2 additional outputs with zone expander; 1A max.
Programmable outputs	2 Solid state (100mA max. load); Additional 2 with zone expander; solid state relay (1000mA max.)
Built-in siren	93dB
Power supply	Internal 9VAC output, 230v/115v input
Operating temperature	0-60°C /32-140°F
Backup battery pack	7.2V/1.5Ah
Communication modules	PSTN, GSM /GPRS, IP



## High-End Two-Way Wireless Video Verification

iConnect Two-Way Wireless, the latest addition to the wireless EL product range, utilizes proprietary two-way wireless FM technology to offer complete security and Video Verification, with dedicated two-way wireless peripherals and built-in IP/PSTN/GSM/GPRS communication modules. Together with a modular offering of advanced remote management and Smartphone applications, iConnect offers enhanced security while catering to a variety of needs within the growing residential and SOHO security market.

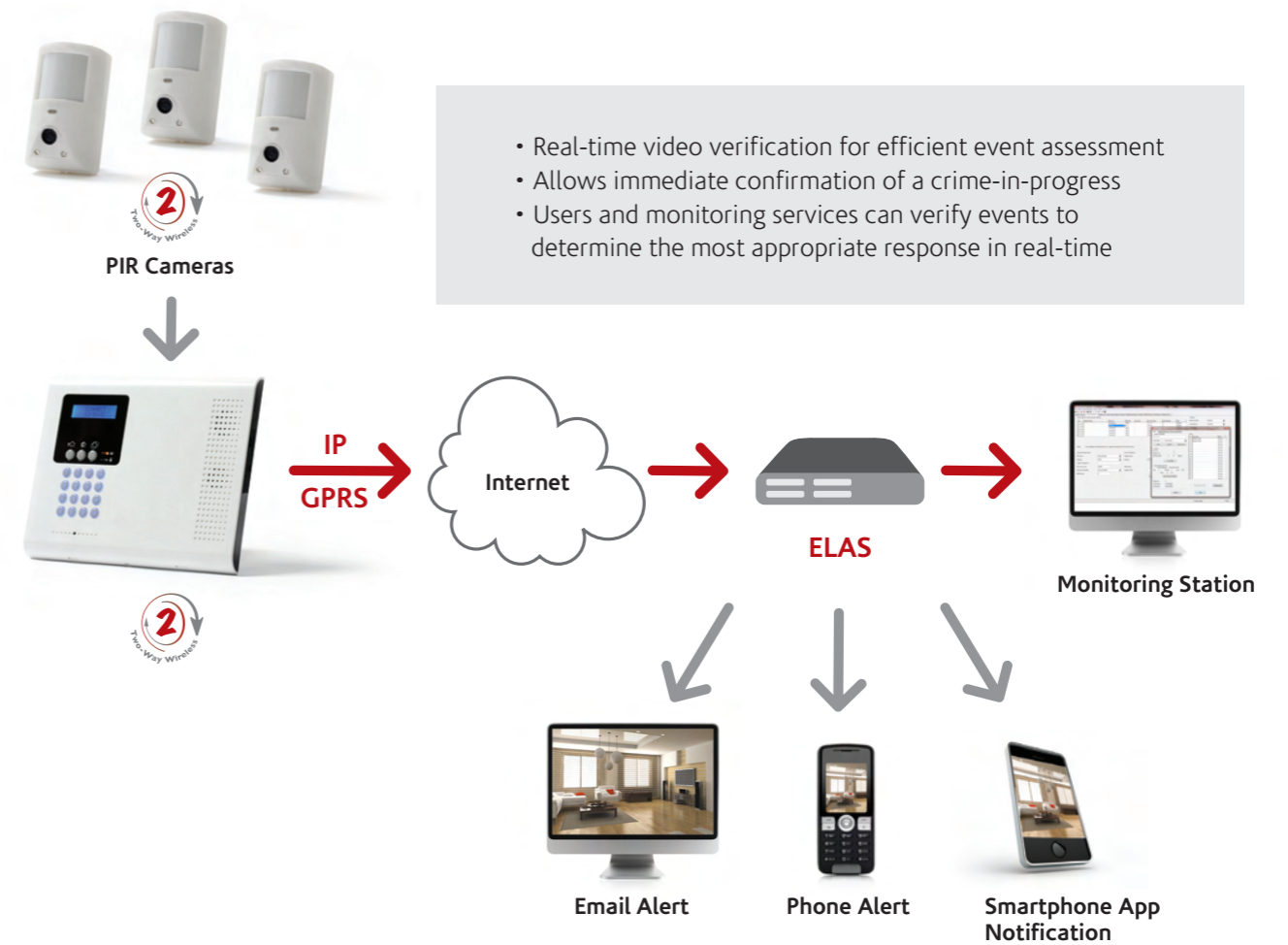
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## Complete Two-Way Wireless Solution



## Video Verification



- Real-time video verification for efficient event assessment
- Allows immediate confirmation of a crime-in-progress
- Users and monitoring services can verify events to determine the most appropriate response in real-time

### Full Range of Two-Way Wireless Peripherals

The EL two-way wireless product range offers an array of peripherals including external and internal detectors, PIR cameras, safety sensors and emergency keyfobs, control devices as well as complementing accessories which communicate with the iConnect control panel and respond to RF signals with top-level data security. Also designed for superior efficiency, these peripherals only respond to signals when the control panel is armed, acting with enhanced speed to minimize energy consumption and signal traffic congestion.

### Comprehensive Remote Management

iConnect Two-Way Wireless integrates with the full range of the EL Application Server (ELAS) remote management functions. This offers end users remote, control and maintenance of the iConnect system by Internet or Smartphone, advanced video applications, remote home automation management, configuration of event notifications, and much more. Providers benefit from full circle control with a web administration application, advanced remote programming software, video verification features, web based system programming, remote firmware upgrades as well as diagnostics and maintenance utilities.

### Two-Way Wireless PIR Camera

Specifically designed for EL's Two-Way Wireless range, the PIR Camera incorporates three state-of-the-art technologies: PIR motion detection, CMOS imaging technology and two-way wireless communication. When armed, the Camera is automatically activated by an event and captures a series of images before, during and after the alarm. These are sent to users or security personnel via MMS, email or Smartphone applications.

### Full Video Security for End Users

Two-Way Wireless PIR Cameras installed at users' premises offer combined detection and recording of video images and clips which are sent to users upon an event. Users enjoy enhanced services from monitoring stations. Recorded event images also provide valuable evidence for insurance claims.

Through the EL Smartphone application and web interface, users can also trigger video transmission on demand, verifying an intrusion, looking in on a child, or checking the premises for lights left on.

### Real-Time Video Verification by Providers

iConnect Two-Way Wireless, offers real-time video verification for efficient event assessment and response and enhanced customer service. Utilizing video verification, providers can ensure false alarms are immediately distinguished from a confirmed crime-in-progress and relay accurate information to law enforcers or guarding companies which may prioritize response to a confirmed crime. This capability can be shared with the end-user if desired, creating extra revenue in the charges applied for video features, including video look-in and user-initiated video clips.