

# Easy Series Intrusion Control Panel



## Security Systems

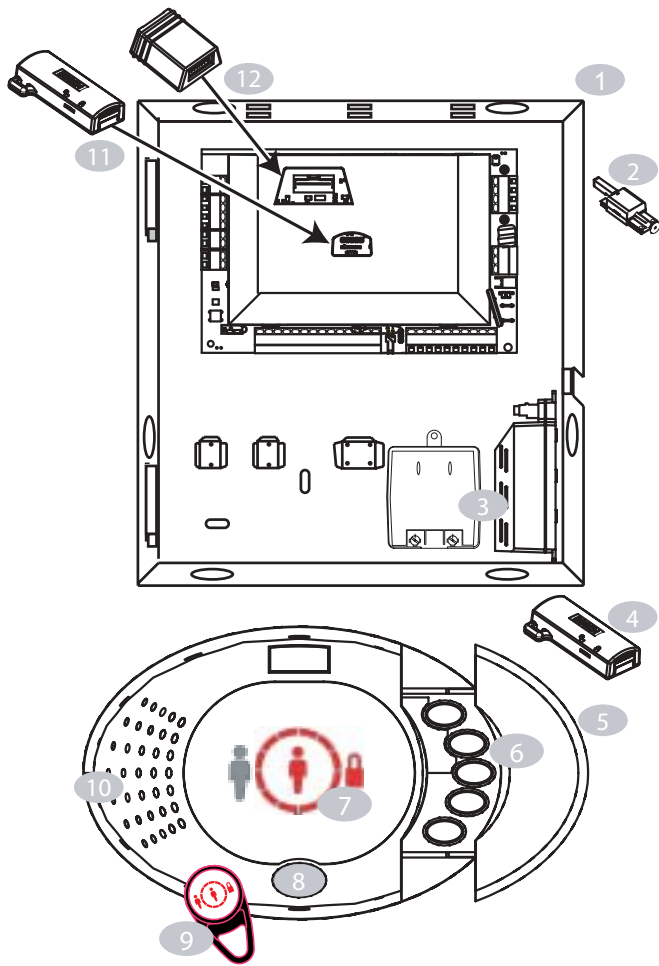


- Speaks language of choice to convey system information
- Proximity tokens silence, reset, or turn the system on or off
- Advanced false alarm reduction
- Minimal training and support requirements
- Simple icon-based control center
- Easy to install, configure, and test
- Accepts commands from and sends information to telephones
- Integrated digital dialer, voice dialer, text messaging, and two-way audio for end users

Easy Series is an intrusion control panel system for small commercial and residential applications. Intuitive and self-sufficient, the Easy Series Intrusion Control Panel requires minimal training and support. The control center speaks and shows animated icons, making it easier for the user to understand information and tasks. When the user approaches the system, Easy Series immediately provides any critical information.

With Short Message Service (SMS) Text Messaging format, users can read system information on a mobile telephone display. With Voice Dialer format, users can listen to system information messages using a telephone. Text and voice messaging allows installers to generate revenue without added cost. System event reports can be sent to a telephone in addition to the central station, reducing central station report traffic and monthly monitoring fees.

**System Overview**



1. **Easy Series Intrusion Control Panel**  
Manages protection levels, produces alarm and indication signals, processes system inputs, and controls system requests. Includes an integrated telephone digital alarm communicator transmitter (DACT).
2. **Optional Dual Tamper Switch**  
Senses when someone opens the enclosure or removes the enclosure from the wall. Contains a wire loop that accommodates additional tamper inputs.
3. **Power Supplies**  
Provides primary voltage input to the Easy Series Intrusion Control Panel. The voltage input comes from a power supply or a transformer.
4. **ROM Update Key**  
Performs Flash upgrades without replacing a chip, saving money and time. The ROM update key is color-coded red and ships separately.
5. **Control Center**  
A user interface for interacting with the Easy Series Intrusion Control Panel. A built-in bubble level makes installation quick and easy. Features such as voice prompts, icons, RFID, and end user two-way audio make the control panel easy to use and virtually eliminate false alarms.

6. **Function Buttons**  
Start the appropriate alarm for fire, police, or medical emergency. Use the buttons for volume control, chime mode, and adding users. When not in use, conceal the buttons behind the sliding door of the control center enclosure.
7. **Icon Indicators**  
Animated, color-coded icons that show the status of the Easy Series Intrusion Control Panel.
8. **Information Button**  
Starts a help menu system. Users can also push the information button to turn the system on or off.
9. **Radio Frequency Identification (RFID) Reader and Token**  
RFID technology provides simple control with small proximity tokens. Presenting a token to the internal reader changes protection levels, silences, or resets the Easy Series Intrusion Control Panel. Users can also present a token to turn the system on or off.
10. **Sensor and Audio Components**  
The integrated passive infrared (PIR) detector senses the presence of a user. The integrated microphone and speaker provide two-way audio for end users to remotely listen to activity or communicate with people at the premises. The speaker sounds tones and speaks instructions.
11. **Programming Key**  
Transfers program information to and from the Easy Series Intrusion Control Panel. Use it to program a group of Easy Series Intrusion Control Panels quickly with the same characteristics; this is especially efficient in multiple unit housing. The programming key is color-coded blue.
12. **Voice Module**  
Produces the spoken language that emits from the control center. Voice annunciation occurs for Easy Series Intrusion Control Panel conditions, events, acknowledgements, and errors. The voice module is interchangeable and available in 20 different languages.

Easy Series terminal blocks are color-coded to clearly show where to connect the power supply, telephone line, control center, and assorted devices such as smoke detectors or motion detectors. The terminal blocks on the control center are removable. Each input and output has a dedicated pair of terminals, making installing and wiring the system easier to understand and execute.

## Functions

### Advanced False Alarm Reduction

The Easy Series Intrusion Control Panel system guards against user-generated false alarms through design features such as graduated annunciation and intelligent threat assessment. Easy Series uses enhanced false alarm verification methods that exceed industry false alarm reduction standards.

### Graduated Annunciation

The system gradually increases the control center volume, changes the animation of the control center display, and incrementally pulses the warning devices. The control center notifies users when the system is preparing to send an alarm and provides options to cancel reports, reducing false alarms.

### Enhanced Alarm Verification

Alarm verification functions reduce false alarms without compromising usability or reliability. Alarm verification methods include:

1. **Sequential Verification**  
When two or more input sensors activate within a specified time period, an intrusion alarm is considered verified. For example, if a door sensor and a motion detector both sense alarms, the system sends a verified alarm report.
2. **Intelligent Threat Assessment**  
The Easy Series Intrusion Control Panel uses protection levels, input types, input conditions, and system event timing to assess the potential threat. If the threat reaches a specific threshold, the system sends a verified alarm report.

### Easy Series Intrusion Control Panel Configuration

Users can configure the Easy Series Intrusion Control Panel with the necessary regional parameters for a specific country without changing hardware. Installers can configure the system using their language of choice and then set the system to the appropriate language for the user. Installers can remotely program using only a telephone. A voice prompted installer mode reduces service and installation costs while ensuring accurate programming.

## Certifications and Approvals

Compliance with specific standards, such as SIA CP-01, reduces false alarms and is required in many municipalities. The Easy Series Intrusion Control Panel is designed to comply with the following certifications, approvals, and standards:

ANSI/SIA CP-01 False Alarm Immunity	
CE	
EN50131 Series Standards	
UL Standards	UL365, Police Station Burglar Alarm Units and Systems UL609, Local Burglar Alarm Units and Systems UL985, Household Fire Warning System Units UL1023, Household Burglar-alarm System Units UL1076, Proprietary Burglar Alarm Units and Systems UL1610, Central-station Burglar-alarm Units
cUL Standard	CAN/ULC-5304-M88, Central and Monitoring Station Burglar Alarm Units CAN/ULC-5545, Residential Fire Warning System Control Units C1023, Household Burglar Alarm Systems CAN/ULC-5303, Local Burglar Alarm Units and Systems C1076, Proprietary Burglar Alarm Units and Systems
FCC	
IC	
A-Tick	
TBR21 for PSTN	

## Installation/Configuration Notes

### Compatibility Information

<b>Communication Formats</b>	Integrated: Contact ID, SIA, and Voice Dialer Personal Messaging: SMS Text and Voice
<b>Network Interface Module</b>	C900TTL-E Dialer Capture Module (Ethernet)
<b>Magnetic Contacts</b>	All Bosch magnetic contacts, including recessed, terminal connection, miniature, overhead door, and surface mount.
<b>SAFECOM Radio Communicators<sup>1</sup></b>	SC2104 Series Slave Communicators SC3100 Series Data Transfer Radio Communicators SC4000 Series Full Data Transfer Radio Communicator
<b>Intrusion Detectors</b>	All conventional Bosch intrusion detectors, including Blue Line, seismic, PIR, TriTech, photoelectric, and TriTech PIR Microwave.
<b>Two-wire and Four-wire Smoke Detectors<sup>2</sup></b>	Conventional Bosch 12 V smoke, heat, and photoelectric smoke detectors.

<sup>1</sup> SAFECOM is only sold in specific countries. It does not comply with CE.

<sup>2</sup> Availability varies according to sales regions.

### Technical Specifications

#### Dimensions

Control Center:	12 cm x 17.7 cm x 2.5 cm (4.7 in. x 7 in. x 1 in.)
Enclosure:	37 cm x 31.75 cm x 8.5 cm (14.5 in. x 12.5 in. x 3.4 in.)

#### Environmental Considerations

Relative Humidity:	93% $\pm$ 5% at 32°C $\pm$ 2°C (+90°F $\pm$ 2°F)
Temperature (Operating):	-10°C to +49°C (+14°F to +120°F)
Temperature (Storage):	-10°C to +55°C (+14°F to +130°F)

#### Inputs

On-board Hardwire:	Eight <ul style="list-style-type: none"> <li>• Single or dual end-of-line (EOL) tamper point support</li> <li>• Input 1 also supports two-wire smoke detectors, all inputs support four-wire detectors</li> <li>• Enclosure tamper input (does not reduce input capacity)</li> </ul>
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#### Outputs

On-board:	Four <ul style="list-style-type: none"> <li>• Configurable solid state</li> <li>• Internal siren driver option for speakers (output 4 only)</li> </ul>
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#### Number of...

Control Centers:	Up to four on the option bus Audible voice prompts included
Users:	Up to 20
Events:	500 history events, stamped with time and date

#### Power Requirements

Primary Voltage Input (AC):	110 V +10/-15% (50/60 Hz) 230 V +10/-15% (50/60 Hz)
Secondary Voltage Input (DC):	12 VDC, 7 Ah or 18 Ah sealed lead acid rechargeable battery
Total Power:	1.4 A
Auxiliary Power:	1.0 A

## Easy Series Kit Ordering Information

All kits include one control panel, enclosure, oval control center, and two RFID tokens.

<b>Europe, Middle East, and Africa</b>					
<b>Voice Module</b>	<b>Power</b>	<b>Tamper</b>	<b>Kit Model</b>	<b>Kit SAP</b>	<b>Kit 12NC</b>
None*	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-00	F01U005545	782695128206
English	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-01	F01U005546	782695127995
British	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-02	F01U005547	782695128008
German	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-03	F01U005548	782695128015
Dutch	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-04	F01U005549	782695128022
Hungarian	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-05	F01U005550	782695128039
Czech	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-06	F01U005551	782695128046
Polish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-07	F01U005552	782695128053
Italian	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-08	F01U005553	782695128060
Spanish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-09	F01U005554	782695128077
Swedish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-10	F01U005555	782695128084
French	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-11	F01U005556	782695128091
Portuguese	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-12	F01U005557	782695128107
Russian	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-14	F01U005558	782695128114
Greek	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-15	F01U005559	782695128121
Norwegian	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-16	F01U005560	782695128138
Danish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-17	F01U005561	782695128145
Finnish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-18	F01U005562	782695128152
Turkish	Wire-in, 100 V to 250 V	Yes	ICP-EZ1-AWT-19	F01U005563	782695128169
<b>Asia Pacific, Central and South America</b>					
<b>Voice Module</b>	<b>Power</b>	<b>Tamper</b>	<b>Kit Model</b>	<b>Kit SAP</b>	<b>Kit 12NC</b>
None*	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-00	F01U005564	782695127933
Chinese [Mandarin]	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-13	F01U008656	782695129982
Japanese	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-20	F01U008655	782695129999
English	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-01	F01U005565	782695127919
Spanish	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-09	F01U005566	782695127926
Portuguese	Wire-in, 100 V to 250 V	No	ICP-EZ1-AWU-12	F01U005567	782695127971
<b>United States</b>					
<b>Voice Module</b>	<b>Power</b>	<b>Tamper</b>	<b>Kit Model</b>	<b>Kit SAP</b>	<b>Kit 12NC</b>
None*	Plug-in, 110 V for US	No	ICP-EZ1-AXU-00	F01U005568	782695127964
English	Plug-in, 110 V for US	No	ICP-EZ1-AXU-01	F01U005569	782695127940
Spanish	Plug-in, 110 V for US	No	ICP-EZ1-AXU-09	F01U005570	782695127957
<b>Canada</b>					
<b>Voice Module</b>	<b>Power</b>	<b>Tamper</b>	<b>Kit Model</b>	<b>Kit SAP</b>	<b>Kit 12NC</b>
None*	Plug-in, 110 V for Canada	No	ICP-EZ1-AYU-00	F01U005571	782695128190
English	Plug-in, 110 V for Canada	No	ICP-EZ1-AYU-01	F01U005572	782695128176
French	Plug-in, 110 V for Canada	No	ICP-EZ1-AYU-11	F01U005573	782695128183

\* Requires a separately purchased voice module for operation.

**Ordering Information****Hardware Accessories**

Dual Tamper Switch	ICP-EZTS
Combination tamper switch with a wire loop for additional tamper outputs.	
F01U003526	
782695124857	
Oval Control Center	IUI-EZ1
Oval control center that includes a speaker, microphone, function buttons, and a bubble level.	
F01U003511	
782695124840	
Programming Key	ICP-EZPK
Blue key for transferring information to and from Easy Series Intrusion Control Panels.	
F01U003534	
782695124864	
ROM Update Key	ICP-EZRU
Red key for performing Flash upgrades.	
F01U003521	
782695124871	
Intrusion Control Panel	ICP-EZM1-NA
One control panel with enclosure, assorted hardware, and two tokens.	
F01U003514	
782695125045	
ICP-EZPS Wire-in Power Supply	ICP-EZPS
Appropriate for use in Europe, the Middle East, and Asia Pacific.	
Provides 100 V to 240 V primary voltage input.	
F01U003530	
782695124888	
ICP-TR1822-CAN Plug-in Transformer	ICP-TR1822-CAN
For use in Canada.	
110 V transformer.	
F01U005574	
782695127988	
CX4010 Plug-in Transformer	CX4010
Appropriate for use in Central and South America.	
18 VAC, 22 VA transformer.	
782695097434	
TF008 Plug-in Transformer	TF008
Appropriate for use in Australia.	
18 VAC transformer that includes thermal fuses and a three-wire flying lead for earth connections.	
782695091081	
Easy Series Token Package	IUI-EZT-5
Five Easy Series proximity tokens.	
F01U008411	
782695129623	

**Ordering Information**

British Voice Module (Female)	ICP-EZVM-ENUKF
F01U004551	
782695126288	
Danish Voice Module (Female)	ICP-EZVM-DAF
F01U004557	
782695126332	
Dutch Voice Module (Female)	ICP-EZVM-NLF
F01U004547	
782695126370	
English Voice Module (Female)	ICP-EZVM-ENF
F01U003539	
782695124895	
Italian Voice Module (Female)	ICP-EZVM-ITF
F01U004546	
782695126226	
French Voice Module (Female)	ICP-EZVM-FRF
F01U004550	
782695126271	
Norwegian Voice Module (Female)	ICP-EZVM-NOF
F01U004556	
782695126325	
Russian Voice Module (Female)	ICP-EZVM-RUF
F01U004554	
782695126301	
Polish Voice Module (Female)	ICP-EZVM-PLF
F01U004544	
782695126219	
Hungarian Voice Module (Female)	ICP-EZVM-HUF
F01U004543	
782695126196	
Finnish Voice Module (Female)	ICP-EZVM-FIF
F01U004558	
782695126349	
Spanish Voice Module (Female)	ICP-EZVM-ESF
F01U004548	
782695126240	
German Voice Module (Female)	ICP-EZVM-DEF
F01U003742	
782695125090	
Japanese Voice Module (Female)	ICP-EZVM-JAF
F01U004560	
782695126363	
Greek Voice Module (Female)	ICP-EZVM-ELF
F01U004555	
782695126318	
Portuguese Voice Module (Female)	ICP-EZVM-PTF
F01U004552	
782695126189	

**Ordering Information**

Chinese [Mandarin] Voice Module (Female) F01U004553 782695126295	ICP-EZVM-ZHF
Czech Voice Module (Female) F01U004545 782695126202	ICP-EZVM-CSF
Swedish Voice Module (Female) F01U004549 782695126257	ICP-EZVM-SVF
Turkish Voice Module (Female) F01U004559 782695126356	ICP-EZVM-TRF

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