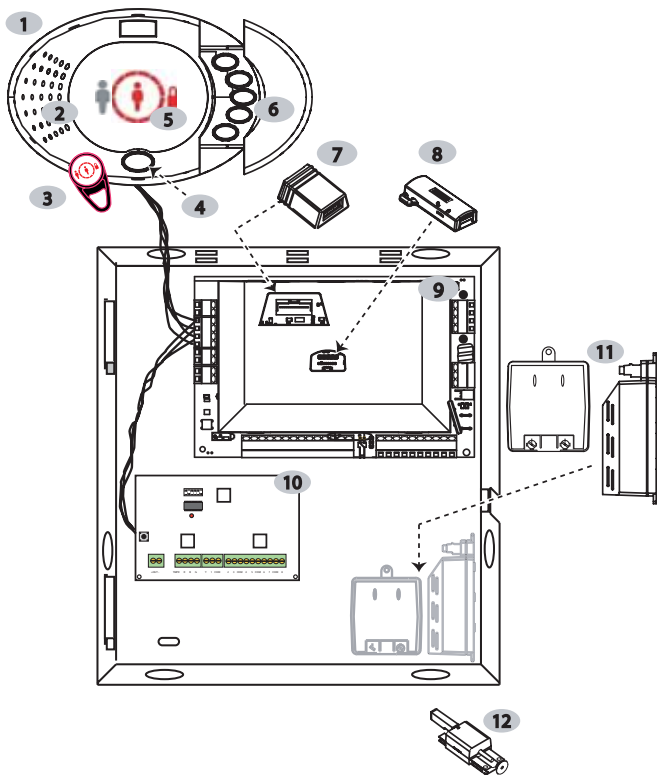BOSCH

Invented for life

Easy Series Intrusion Control Panel

- ▶ **Supports up to 32 total input points**
- ▶ **Advanced false alarm reduction**
- ▶ **Integrated proximity reader**
- ▶ **Speaks language of choice**
- ▶ **Remote Programming Software (RPS) support**
- ▶ **Simple icon-based control center**
- ▶ **Integrated digital dialer, voice dialer, text messaging, and two-way audio verification**

Designed for residential and small commercial applications, the Easy Series Intrusion Control Panel requires minimal training and support and is easy to install, configure, and test. The control center speaks while showing animated icons, so that the user quickly understands the information and tasks.

System Overview

1. Control Center
2. Sensor and Audio Components
3. Radio Frequency Identification (RFID) Reader and Token
4. Information Button
5. Icon Indicators
6. Function Buttons
7. Voice Module
8. Programming Key
9. Easy Series Intrusion Control Panel
10. DX2010 Input Expander Module
11. Power Supplies
   The Easy Series Intrusion Control Panel can use a wired-in power supply or transformer, according to regional primary voltage input requirements.
12. Optional Dual Tamper Switch

Terminal Blocks

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. 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.

Alarm Verification

The following alarm verification methods reduce false alarms without compromising usability or reliability.
1. Two-way Audio Verification: Provides remote customers the ability to listen to and speak with users at the protected premises.
2. 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.
3. Intelligent Threat Assessment: The Easy Series Intrusion Control Panel uses protection levels, input types, input conditions, and system event timing to assess a 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 the system using a telephone or Remote Programming Software (RPS). A voice prompted installer mode reduces service and installation costs while ensuring accurate programming.

Remote Programming Software (RPS)

RPS is a separate software package that allows computers equipped with the Microsoft Windows operating system and a modem to act as a remote programming, record storage, remote control, and troubleshooting tool for specific control panels.

Certifications and Approvals

Compliance with specific standards, such as SIA CP-01 and DD243, reduces false alarms and is required in many locations. 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

EN50131-1 Grade 2

DD243

PD6662

CCC

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-S304-M88, Central and Monitoring Station Burglar Alarm Units
	CAN/ULC-S545, Residential Fire Warning System Control Units
	C1023, Household Burglar Alarm Systems
	CAN/ULC-S303, Local Burglar Alarm Units and Systems
	C1076, Proprietary Burglar Alarm Units and Systems

FCC

Industry of Canada (IC)

A-Tick

C-Tick

TBR21 for PSTN

INCERT (Belgium)

CSFM Listing – Control Unit Household

Japan Approvals Institute for Telecommunications Equipment (JATE)

Installation/Configuration Notes

Compatibility Information

PSTN Communicator (Integrated)	Formats: BSIA Fast Format, Contact ID, SIA, (Voice Dialer) Personal Messaging: SMS Text and Voice
IP Communicator[1, 3]	Conettix IP C900V2 Dialer Capture Module
GSM Communicator[1, 3]	Conettix ITS-300GSM Communicator
Radio Communicators (SAFECOM) [1, 2]	SC2104 Series Slave Communicators SC3100 Series Data Transfer Radio Communicators SC4000 Series Full Data Transfer Radio Communicator
Magnetic Contacts[1]	All Bosch magnetic contacts, including recessed, terminal connection, miniature, overhead door, and surface mount.
Intrusion Detectors[1]	All conventional Bosch intrusion detectors, including Blue Line, seismic, PIR, TriTech, photoelectric, and TriTech PIR Microwave.
Two-wire and Four-wire Smoke Detectors[1,3]	Conventional Bosch 12 V smoke, heat, and photoelectric smoke detectors.
Hardwire Expansion Module[1]	DX2010 Input Expander
Interface Module[1, 2]	D132A Smoke Detector Reversing Relay

[1]Assorted literature is available. Refer to the appropriate data sheet, brochure, installation guide, or user guide for additional details.

[2]Only sold in specific countries. Does not comply with CE.

[3]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.)
AE1 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% ±5% at 32℃ ±2℃ (+90℉ ±2℉)
Temperature (Operating):	-10℃ to +49℃ (+14℉ to +120℉)
Temperature (Storage):	-10℃ to +55℃ (+14℉ to +130℉)
Environmental Class II	

Input Points

Maximum Number of Input Points:	32
Hardwire Input Points:	Eight on-board

- Hard-wire single, zone-doubling, or dual end-of-line (EOL) tamper.
- Input 1 also supports two-wire smoke detectors, all input points support four-wire detectors.
- Enclosure tamper input (does not reduce input point capacity).

Hardwire Expansion Input Points:	Up to 24 with three DX2010 Input Expander Modules (32 total). Each DX2010 provides eight additional input points. The Easy Series Intrusion Control Panel supports up to three modules.

Outputs

On-board:	Four

- Configurable solid state
- Internal siren driver option for speakers (output 4 only)

Number of...

Control Centers:	Four

- Audible voice prompts included
- Accepts passcodes or tokens for user arming and disarming

DX2010 Expansion Modules:	Three on the Option Bus
Users:	Up to 20 (20 passcodes and 20 tokens)
Events:	500 history events, stamped with time and date

Power Requirements

Primary Voltage Source:	110 V, +10% or -15% (47 Hz to 62 Hz) 230 V, +10% or -15% (47 Hz to 62 Hz)
Primary Voltage Input (AC):	18 V (47 Hz to 62 Hz)
Primary Voltage Input (DC):	18 V non-polarized
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

Kits include one control panel, enclosure, oval control center, power supply, and two RFID tokens unless noted otherwise.

Europe, Middle East, and Africa

Language	Kit Commercial Type Number	Power	Tamper	Voice Module Commercial Type Number
None[1]	ICP-EZ2AWT-00	Wire-in, 100 V to 250 V	Yes	None[1]
English	ICP-EZ2AWT-01	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ENF
British English	ICP-EZ2AWT-02	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ENUKF
German	ICP-EZ2AWT-03	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-DEF
Dutch	ICP-EZ2AWT-04	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-NLF
Hungarian	ICP-EZ2AWT-05	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-HUF
Czech	ICP-EZ2AWT-06	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-CSF
Polish	ICP-EZ2AWT-07	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-PLF
Italian	ICP-EZ2AWT-08	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ITF
Spanish	ICP-EZ2AWT-09	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ESF
Swedish	ICP-EZ2AWT-10	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-SVF
French	ICP-EZ2AWT-11	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-FRF
Portuguese	ICP-EZ2AWT-12	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-PTF
Russian	ICP-EZ2AWT-14	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-RUF
Greek	ICP-EZ2AWT-15	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ELF
Norwegian	ICP-EZ2AWT-16	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-NOF
Danish	ICP-EZ2AWT-17	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-DAF
Finnish	ICP-EZ2AWT-18	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-FIF
Turkish	ICP-EZ2AWT-19	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-TRF
Arabic	ICP-EZ2AWT-21	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ARF
Bulgarian	ICP-EZ2AWT-22	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-BGF
Croatian	ICP-EZ2AWT-25	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-HRF
Flemish	ICP-EZ2AWT-27	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-NLBEF
Romanian	ICP-EZ2AWT-29	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-ROF
Slovak	ICP-EZ2AWT-30	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-SKF
Slovenian	ICP-EZ2AWT-31	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-SLF
Serbian	ICP-EZ2AWT-32	Wire-in, 100 V to 250 V	Yes	ICP-EZV2-SRF

United Kingdom

Language	Kit Commercial Type Number	Power	Tamper	Voice Module Commercial Type Number
None[1]	ICP-EZUAWT-00	Wire-in, 230 V	Yes	None[1]
British English	ICP-EZUAWT-02	Wire-in, 230 V	Yes	ICP-EZV2-ENUKF

Asia Pacific, Central and South America

Language	Kit Commercial Type Number	Power	Tamper	Voice Module Commercial Type Number
None[1]	ICP-EZ2AWU-00	Wire-in, 100 V to 250 V	No	None[1]
English	ICP-EZ2AWU-01	Wire-in, 100 V to 250 V	No	ICP-EZV2-ENF
Mandarin	ICP-EZ2AWU-13	Wire-in, 100 V to 250 V	No	ICP-EZV2-ZHF
Japanese	ICP-EZ2AWU-20	Wire-in, 100 V to 250 V	No	ICP-EZV2-JAF
Korean	ICP-EZ2AWU-34	Wire-in, 100 V to 250 V	No	ICP-EZV2-KOF
None[2]	ICP-EZ0AVU-00	None[2]	No	None[2]
Australian	ICP-EZ2AWU-23	Wire-in, 100 V to 250 V	No	ICP-EZV2-ENAUF
Cantonese	ICP-EZ2AWU-26	Wire-in, 100 V to 250 V	No	ICP-EZV2-ZHHKF
Thai	ICP-EZ2AWU-33	Wire-in, 100 V to 250 V	No	ICP-EZV2-THF
Spanish	ICP-EZ2AWU-24	Wire-in, 100 V to 250 V	No	ICP-EZV2-ESLXF
Portuguese	ICP-EZ2AWU-28	Wire-in, 100 V to 250 V	No	ICP-EZV2-PTBRF

United States

Language	Kit Commercial Type Number	Power	Tamper	Voice Module Commercial Type Number
None[1]	ICP-EZ2AXU-00	Plug-in, 110 V for US	No	None[1]
English	ICP-EZ2AXU-01	Plug-in, 110 V for US	No	ICP-EZV2-ENF
Korean	ICP-EZ2AXU-34	Plug-in, 110 V for US	No	ICP-EZV2-KOF
Spanish	ICP-EZ2AXU-24	Plug-in, 110 V for US	No	ICP-EZV2-ESLXF

Canada

Language	Kit Commercial Type Number	Power	Tamper	Voice Module Commercial Type Number
None[1]	ICP-EZ2AYU-00	Plug-in, 110 V for Canada	No	None[1]
English	ICP-EZ2AYU-01	Plug-in, 110 V for Canada	No	ICP-EZV2-ENF
French	ICP-EZ2AYU-11	Plug-in, 110 V for Canada	No	ICP-EZV2-FRF

[1] Requires a separately purchased voice module for operation.
[2] Requires a separately purchased voice module, power supply, and enclosure for operation.

Ordering Information

IUI-EZ1 Oval Control Center   IUI-EZ1
  Oval control center that includes a speaker, microphone, function buttons, and a bubble level.

ICP-EZM2-NA Intrusion Control Panel   ICP-EZM2-NA
  One control panel with AE1 Standard Enclosure, assorted hardware, and two tokens.

ICP-EZM2-UK Intrusion Control Panel   ICP-EZM2-UK
  One control panel with UK Enclosure, transformer, assorted hardware, and two tokens.

ICP-EZM2-LC Intrusion Control Panel   ICP-EZM2-LC
  One control panel printed circuit board without an enclosure.

Accessories

DX2010 Input Expander   DX2010
  Provides hard-wired expansion for an additional eight input points. Includes the DX2010 board.

ITS-300GSM Communicator   ITS-300GSM
  Enables backup transmission from a control panel's telephone dialer over the GSM network if telephone line transmission is not working. Transmits reports and audio. Compatible with control panels from different manufacturers.

ICP-EZTS Dual Tamper Switch   ICP-EZTS
  Combination tamper switch with a wire loop for additional tamper outputs.

ICP-EZPK Programming Key   ICP-EZPK
  Blue key for transferring information to and from Easy Series Intrusion Control Panels.

ICP-EZRU2 ROM Update Key   ICP-EZRU2-####
  Green key for performing Flash upgrades.

ICP-EZPS Wire-in Power Supply   ICP-EZPS
  For use in Europe, the Middle East, Asia Pacific, Central and South America. 100 VAC to 240 VAC primary voltage input (AC).

ICP-EZPS-FRA AFNOR Power Supply   ICP-EZPS-FRA
  For use in France. Provides 14 VDC and isolated auxiliary power outputs.

ICP-TR1822-CAN Plug-in Transformer   ICP-TR1822-CAN
  For use in Canada. 110 VAC primary voltage input. 18 VAC, 22 VA secondary input.

CX4010 Plug-in Transformer   CX4010
  For use in North America. 110 VAC primary voltage input. 18 VAC, 22 VA secondary input.

TF008 Plug-in Transformer   TF008
  For use in Australia and New Zealand. 240 VAC primary voltage input. 18 VAC, 1.3 A secondary input. Includes thermal fuses and a three-wire flying lead with earth connection.

IUI-EZT-5 Easy Series Token Package   IUI-EZT-5
  Five Easy Series proximity tokens.

Ordering Information

Software Options

Remote Programming Software International   RPS-INTL
  Software for remote or local control panel programming. Requires a Microsoft® Windows® operating system.