BOSCH

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Easy Series Intrusion Control Panel
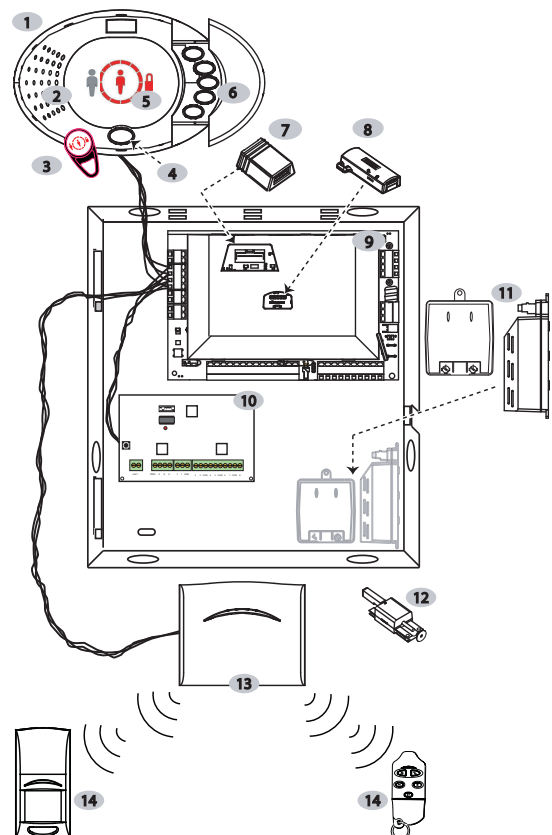
▸ **Supports up to 32 total input points (hard-wired, wireless, or combination)**

▸ **Advanced false alarm reduction**

▸ **Integrated proximity reader**

▸ **Speaks language of choice**

▸ **wireless Local SecurityNetwork (wLSN) support**

▸ **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.

Optional wireless Local SecurityNetwork (wLSN) support is available in Europe. wLSN provides two-way wireless communication using the 868 MHz security band, easy installation, automatic configuration, and a variety of wireless devices.

Note   wLSN support is available only in Easy Series Intrusion Control Panels, Release 2 (ICP-EZM2) or later.

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
13. Optional wireless Local SecurityNetwork (wLSN) Hub
14. Optional wLSN Devices

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

Region	Certification	
Europe	CE	1999/5/EC, 2006/95/EC, 2004/108/EC; EN 55022:2006 + A1:2007, Class B; EN 50130-4 w/A1:1998 + A2:2003; EN61000-3-2:2006; EN61000-3-3:1995; EN 60950-1:2001; TBR21:1998
Belgium	INCERT	B-509-0044/b
USA	UL	AMCX: Central Station Alarm Units (UL1610, UL1635), AMCX7: Central Station Alarm Units Certified for Canada (cULus), AMTB: Control Panels, SIA False Alarm Reduction, AOTX: Local Alarm Units (UL464, UL609), AOTX7: Local Alarm Units Certified for Canada (cULus), APAW: Police Station Alarm Units (UL365, UL464), APAW7: Police Station Alarm Units Certified for Canada (cULus), APOU: Proprietary Alarm Units (UL1076), APOU7: Proprietary Alarm Units Certified for Canada (cULus), NBSX: Household Burglar Alarm System Units (UL1023), NBSX7: Household Burglar Alarm System Units Certified for Canada (cULus), UTOU: Control Units and Accessories - Household System Type (UL985), UTOU7: Control Units and Accessories - Household System Type Certified for Canada (cULus)
	CSFM	7167-1615: 223 July 2008

Region	Certification	
Canada	IC	1249A-EZM1
Sweden	INTYG	Nr08-423 Centralapparat
		Nr08-424 Centralapparat-trådlös

Compliance with specific standards, such as SIA CP-01 and DD243, reduces false alarms and is required in many locations. In addition to the certifications and approvals listed above, the Easy Series Intrusion Control Panel is designed to comply with the following certifications, approvals, and standards:

EN50131-1 Grade 2

DD243

PD6662

CCC

FCC

A-Tick

C-Tick

TBR21 for PSTN

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	DX2010 Input Expander
Interface Module[1, 2]	D132A Smoke Detector Reversing Relay
wireless Local Security Network (wLSN) Devices[1]	All Bosch wLSN devices, including the wLSN Hub (wireless expansion module), wLSN PIR and dual technology motion detectors, wLSN glass break detectors, wLSN key fobs, wLSN inertia sensors, wLSN door and window contacts, wLSN relay outputs, and wLSN sirens.

[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
Hardware, Wireless, or Combination Input Points:	Eight on-board • Hard-wire single, zone-doubling, dual end-of-line (EOL) tamper, or wireless. • 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.
Wireless Expansion Input Points:	Up to 32 with the wLSN Hub

Outputs

On-board:	Four • Configurable solid state • Internal siren driver option for speakers (output 4 only)
Wireless:	Four

Number of...

Control Centers:	Four • Audible voice prompts included • Accepts passcodes, token, or the wLSN key fob for user arming and disarming
DX2010 Expansion Modules:	Three on the Option Bus
wLSN Hubs:	One on the Option Bus
Users:	Up to 20 (20 passcodes, 20 tokens, and 20 wLSN key fobs)
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
Europe, Middle East, and Africa

Kits include one control panel, enclosure, tamper switch, oval control center, wire-in power supply (100 V to 250 V), and two RFID tokens unless noted otherwise.

Language	Commercial Type Numbers	
	Kit	Voice Module
None[1]	ICP-EZUAWT-00[2]	None[1]
None[1]	ICP-EZ2AWT-00	None[1]
English	ICP-EZ2AWT-01	ICP-EZV2-ENF
British English	ICP-EZ2AWT-02	ICP-EZV2-ENUKF
German	ICP-EZ2AWT-03	ICP-EZV2-DEF
Dutch	ICP-EZ2AWT-04	ICP-EZV2-NLF
Hungarian	ICP-EZ2AWT-05	ICP-EZV2-HUF
Czech	ICP-EZ2AWT-06	ICP-EZV2-CSF
Polish	ICP-EZ2AWT-07	ICP-EZV2-PLF
Italian	ICP-EZ2AWT-08	ICP-EZV2-ITF
Spanish	ICP-EZ2AWT-09	ICP-EZV2-ESF
Swedish	ICP-EZ2AWT-10	ICP-EZV2-SVF
French	ICP-EZ2AWT-11	ICP-EZV2-FRF
Portuguese	ICP-EZ2AWT-12	ICP-EZV2-PTF
Russian	ICP-EZ2AWT-14	ICP-EZV2-RUF
Greek	ICP-EZ2AWT-15	ICP-EZV2-ELF
Norwegian	ICP-EZ2AWT-16	ICP-EZV2-NOF
Danish	ICP-EZ2AWT-17	ICP-EZV2-DAF
Finnish	ICP-EZ2AWT-18	ICP-EZV2-FIF
Turkish	ICP-EZ2AWT-19	ICP-EZV2-TRF
Arabic	ICP-EZ2AWT-21	ICP-EZV2-ARF
Bulgarian	ICP-EZ2AWT-22	ICP-EZV2-BGF
Croatian	ICP-EZ2AWT-25	ICP-EZV2-HRF
Flemish	ICP-EZ2AWT-27	ICP-EZV2-NLBEF
Romanian	ICP-EZ2AWT-29	ICP-EZV2-ROF
Slovak	ICP-EZ2AWT-30	ICP-EZV2-SKF
Slovenian	ICP-EZ2AWT-31	ICP-EZV2-SLF
Serbian	ICP-EZ2AWT-32	ICP-EZV2-SRF

[1]Requires a separately purchased voice module for operation.

[2]This kit is suitable for use in the UK and includes a wire-in power supply (230 V).

wLSN Kit 1 Ordering Information
Europe, Middle East, and Africa

wLSN kits include the indicated Easy Series Kit plus one wLSN Hub, one wLSN PIR Motion Detector, one wLSN Mini Door/Window Contact, and one wLSN Keyfob.

Language	Commercial Type Numbers	
	wLSN Kit 1	Easy Series Kit
English	ICP-EW1AWT-01	ICP-EZ2AWT-01

wLSN Kit 1 Ordering Information
Europe, Middle East, and Africa

British English	ICP-EW1AWT-02	ICP-EZ2AWT-02
Dutch	ICP-EW1AWT-04	ICP-EZ2AWT-04
Hungarian	ICP-EW1AWT-05	ICP-EZ2AWT-05
Polish	ICP-EW1AWT-07	ICP-EZ2AWT-07
Italian	ICP-EW1AWT-08	ICP-EZ2AWT-08
Spanish	ICP-EW1AWT-09	ICP-EZ2AWT-09
Swedish	ICP-EW1AWT-10	ICP-EZ2AWT-10
Portuguese	ICP-EW1AWT-12	ICP-EZ2AWT-12
Russian	ICP-EW1AWT-14	ICP-EZ2AWT-14
Greek	ICP-EW1AWT-15	ICP-EZ2AWT-15
Danish	ICP-EW1AWT-17	ICP-EZ2AWT-17
Turkish	ICP-EW1AWT-19	ICP-EZ2AWT-19
Arabic	ICP-EW1AWT-21	ICP-EZ2AWT-21
Romanian	ICP-EW1AWT-29	ICP-EZ2AWT-29

wLSN Kit 2 Ordering Information
Europe, Middle East, and Africa

wLSN kits include the indicated Easy Series Kit plus one wLSN Hub, one wLSN Dual Motion Detector, one wLSN Mini Door/Window Contact, and one wLSN Keyfob.

Language	Commercial Type Numbers	
	wLSN Kit 2	Easy Series Kit
Dutch	ICP-EW2AWT-04	ICP-EZ2AWT-04
Greek	ICP-EW2AWT-15	ICP-EZ2AWT-15

wLSN Kit 3 Ordering Information
Europe, Middle East, and Africa

wLSN kits include the indicated Easy Series Kit plus one wLSN Hub, one wLSN PIR Motion Detector, one wLSN Smoke Detector, one wLSN Mini Door/Window Contact, and one wLSN Keyfob.

Language	Commercial Type Numbers	
	wLSN Kit 3	Easy Series Kit
German	ICP- EW3AWT -03	ICP-EZ2AWT-03
Finnish	ICP- EW3AWT -18	ICP-EZ2AWT-18

wLSN Kit 4 Ordering Information
Europe, Middle East, and Africa

wLSN kits include the indicated Easy Series Kit plus one wLSN Hub, two wLSN PIR Motion Detectors, one wLSN Mini Door/Window Contact, and one wLSN Keyfob.

Language	Commercial Type Numbers	
	wLSN Kit 4	Easy Series Kit
French	ICP- EW4AWT -11	ICP-EZ2AWT-11

Easy Series Kit Ordering Information
Asia Pacific, Central and South America

Kits include one control panel, enclosure, oval control center, wire-in power supply (100 V to 250 V), and two RFID tokens unless noted otherwise.

Language	Commercial Type Numbers	
	Kit	Voice Module
None[1]	ICP-EZ2AWU-00	None[1]
None[2]	ICP-EZ0AVU-00	None[2]
English	ICP-EZ2AWU-01	ICP-EZV2-ENF
Mandarin	ICP-EZ2AWU-13	ICP-EZV2-ZHF
Japanese	ICP-EZ2AWU-20	ICP-EZV2-JAF
Australian	ICP-EZ2AWU-23	ICP-EZV2-ENAUF
Spanish	ICP-EZ2AWU-24	ICP-EZV2-ESLXF
Cantonese	ICP-EZ2AWU-26	ICP-EZV2-ZHHKF
Portuguese	ICP-EZ2AWU-28	ICP-EZV2-PTBRF
Thai	ICP-EZ2AWU-33	ICP-EZV2-THF
Korean	ICP-EZ2AWU-34	ICP-EZV2-KOF

[1]Requires a separately purchased voice module for operation.

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

Easy Series Kit Ordering Information
United States

Kits include one control panel, enclosure, oval control center, plug-in power supply (110 V for US), and two RFID tokens unless noted otherwise.

Language	Commercial Type Numbers	
	Kit	Voice Module
None[1]	ICP-EZ2AXU-00	None[1]
English	ICP-EZ2AXU-01	ICP-EZV2-ENF
Spanish	ICP-EZ2AXU-24	ICP-EZV2-ESLXF
Korean	ICP-EZ2AXU-34	ICP-EZV2-KOF

[1]Requires a separately purchased voice module for operation.

Easy Series Kit Ordering Information
Canada

Kits include one control panel, enclosure, oval control center, plug-in power supply (110 V for Canada), and two RFID tokens unless noted otherwise.

Language	Commercial Type Numbers	
	Kit	Voice Module
None[1]	ICP-EZ2AYU-00	None[1]
English	ICP-EZ2AYU-01	ICP-EZV2-ENF
French	ICP-EZ2AYU-11	ICP-EZV2-FRF

[1]Requires a separately purchased voice module 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.

IUI-EZ1-FM Flush Mount Kit — **IUI-EZ1-FM**
Flush mount kit for IUI-EZ1 Control Center.

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

ICP-EZM2-CA Intrusion Control Panel — **ICP-EZM2-CA**
One control panel with AE1 Standard Enclosure, assorted hardware, and two tokens. For Canada only.

ICP-EZM2-EU Intrusion Control Panel — **ICP-EZM2-EU**
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

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-EZRU-0106**
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**

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.

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

Ordering Information

wLSN Hub — **ISW-BHB1-WX**
Provides wireless expansion for up to 32 input points. Is the interface to wLSN devices.

wLSN Hub (Czech) — **ISW-BHB1-WXCS**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (German) — **ISW-BHB1-WXDE**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Danish) — **ISW-BHB1-WXDA**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (English) — **ISW-BHB1-WXEN**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Spanish) — **ISW-BHB1-WXES**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Finnish) — **ISW-BHB1-WXFI**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (French) — **ISW-BHB1-WXFR**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Greek) — **ISW-BHB1-WXEL**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Hungarian) — **ISW-BHB1-WXHU**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Italian) — **ISW-BHB1-WXIT**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Dutch) — **ISW-BHB1-WXNL**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Norwegian) — **ISW-BHB1-WXNO**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Polish) — **ISW-BHB1-WXPL**
Serves as the link between the wireless Local SecurityNetwork (wLSN) devices and the control panel

Ordering Information

wLSN Hub (Portuguese) **ISW-BHB1-WXPT**
Serves as the link between the wireless Local
SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Russian) **ISW-BHB1-WXRU**
Serves as the link between the wireless Local
SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Swedish) **ISW-BHB1-WXSV**
Serves as the link between the wireless Local
SecurityNetwork (wLSN) devices and the control panel

wLSN Hub (Turkish) **ISW-BHB1-WXTR**
Serves as the link between the wireless Local
SecurityNetwork (wLSN) devices and the control panel

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

Software Options

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