



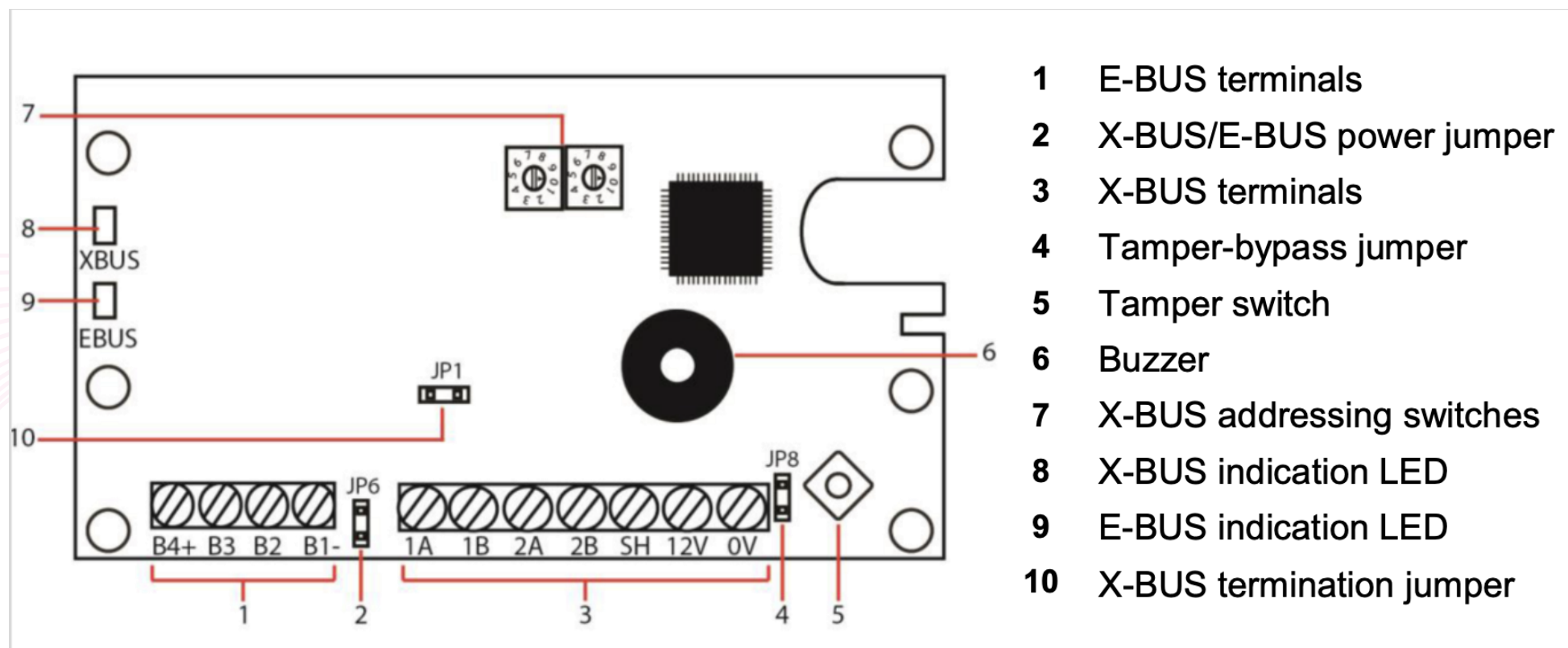
Acre's enhanced E-BUS Gateway is a new and exciting addition to the acre intrusion series - the most innovative generation of intrusion detection systems on the market. It enables communication between the acre intrusion controller and a wide range of E-BUS peripherals, allowing customers to mix and match acre intrusion X-BUS and E-BUS devices to form a hybrid network, managed by acre intrusion.

The acre intrusion E-BUS Gateway facilitates a smooth transition from Sintony to acre intrusion without having to replace and re-wire existing Sintony peripheral E-BUS devices. That means you can capitalise on the investment you have already made in Sintony devices with a seamless interface to acre intrusion powerful intrusion control functionality. It therefore opens the door for an efficient and cost effective system migration.

Importantly, the acre intrusion E-BUS Gateway is also suitable for daisy-chain networks, in which multiple BUS devices can be wired together in spur or in a ring. It now supports an increased number of up to 56 MAGIC E-BUS motion detectors per acre intrusion panel. With Acre's MAGIC PIR and Dual detectors, customers can take advantage of industry leading catch performance and false alarm immunity in a stylish and slim form factor suitable for all installation scenarios.

Key features

- **Seamless interface:** Gateway between acre intrusion X-BUS and Sintony E-BUS.
- **BUS detector solution:** Supports up to 56 MAGIC E-BUS detectors per acre intrusion control panel.
- **Preserve existing wiring and devices:** Supported Sintony peripheral devices can remain in situ on the E-BUS without a need for replacing or re-wiring.
- **Simple setup and configuration:** Initial system setup is simple and easy via the acre intrusion Web Browser and system configuration is effortless using standard acre intrusion installer tools.
- **Improved system response times:** Sintony device response times are improved due to the installation of acre intrusion control panel and SPCG310 mapping of Sintony devices to acre intrusion devices.
- **Flexible installation:** Small, compact and easy to install.



- 1 E-BUS terminals
- 2 X-BUS/E-BUS power jumper
- 3 X-BUS terminals
- 4 Tamper-bypass jumper
- 5 Tamper switch
- 6 Buzzer
- 7 X-BUS addressing switches
- 8 X-BUS indication LED
- 9 E-BUS indication LED
- 10 X-BUS termination jumper

Features & Benefits

• Hybrid System Gateway

The acre intrusion E-BUS Gateway enables communication between the acre intrusion controller and a wide range of EBUS peripherals, allowing customers to mix and match acre intrusion X-BUS and E-BUS devices to form a hybrid network, managed by acre intrusion.

• Migration Path

The acre intrusion E-BUS Gateway facilitates a smooth transition from Sintony to acre intrusion without having to replace and re-wire existing Sintony peripheral E-BUS devices. It therefore facilitates efficient and cost effective system migration.

• Detector BUS Solution

The acre intrusion E-BUS Gateway is specifically designed for daisy-chain networks, in which multiple BUS devices can be wired together in spur or in a ring. It now supports an increased number of up to 56 MAGIC E-BUS motion detectors per acre intrusion panel.

• Intelligent Device Mapping

The acre intrusion E-BUS Gateway maps E-BUS peripheral devices to similar acre intrusion X-BUS peripheral devices so that they can be identified by the acre intrusion system controller. Through the new acre intrusion controller firmware, each MAGIC detector is mapped as a virtual 2 Zone Expander allowing an increased number of detectors on the acre intrusion system.

• Flexible Installation

The acre intrusion E-Bus Gateway is designed to be small and compact, so that a variety of installation options can be supported. Delivered as a PCB without housing, it fits inside the acre intrusion controller housing, the Sintony PSU or even the Sintony transponder housing.

• Setup and Configuration

Initial system setup is simple and easy via the acre intrusion Web Browser and system configuration is effortless using standard acre intrusion installer tools.

Recommended accessories

• MAGIC E-BUS detectors

Acre's MAGIC PIR and Dual motion detectors are an exciting new advance in security that provide the most reliable, convenient and cost effective solution for industry leading catch performance and false alarm immunity.

• LCD Keypads

Acre's SAK41 and SAK51 LCD Keypads can be used for the operation and programming of acre intrusion control panels on different access levels via the E-BUS Gateway SPCG310. Their alphanumeric keyboard and the display are fitted with backlights.

Technical Data

Intrusion

Interfaces	X-BUS (In / Out) E-Bus
Max. number of hardwired zones	252 (Sintony Inputs)

Power and mechanical

Operating current	40 mA
Operating temperature	-10 to +50 °C
Operating voltage	9.5 - 14 V DC
Quiescent current	40 mA
Tamper contact	Tamper switch

Functional

E-BUS detector compatibility	PIR motion detectors: PDM-E-I12/PDM-E-I18T Dual motion detectors: PDM-E-IXD12/PDM-E-IXD18T
Max. number of gateways	5x SPCG310 per SPC / Sintony system 1x SPCG310 per Sintony E-BUS section
Max. number of MAGIC E-BUS motion detectors	SPC4000: 16 SPC5000: 56 SPC6000: 56
Max. number of Sintony inputs	252
Max. number of Sintony outputs	174
Sintony device compatibility	I/O Transponders: SAT12/SMT12/SMT22/SAT24/SMT24/SMT44 Keypads: SAK41/SAK51/SAK53 PSUs: SAP08/SAP14*/SAP20*/SAP25 Other: SAR11/SMR11/SAH14

General	
Air humidity (EN 60721)	Max. 90%rh, non-condensing
Approval	VdS Class C, SES, VSÖ (pending)
Compatibility	<ul style="list-style-type: none">- SAT12/SMT12- SMT22- SAT24/SMT24- SMT44- SAK41- SAK51- SAK53- SAP08- SAP14- SAP20- SAP25
Dimensions (L x W x H)	52 x 92 x 13 (mm)
Mounting	<ul style="list-style-type: none">- SPC controller housing- Sintony transponder housing- Sintony PSU housing
Relative humidity	Max. 90% (non-condensing)
Tamper switch	Yes
Weight	0.020 kg

Ordering Data

Type	Art. No.	Description	Weight*
SPCG310	V54554-A101-A100	SPCG310.000 acre intrusion E-BUS Gateway	0.020 kg
PDM-E-I12	V54530-F115-A100	PDM-E-I12 E-BUS PIR Detector	0.110kg
PDM-E-I18T	V54530-F116-A100	PDM-E-I18T E-BUS PIR AM Detector	0.112kg
PDM-E-IXD12	V54531-F130-A100	PDM-E-IXD12 E-BUS DUAL Detector	0.139kg
PDM-E-IXD18T	V54531-F131-A100	PDM-E-IXD18T E-BUS DUAL AM Detector	0.170kg
SAK41	BPZ:8006590001	SAK41 LCD keypad	0.300kg
SAK51	BPZ:8006630001	SAK51 LCD keypad	0.260kg
SAT12	BPZ:8006150001	SAT12 Transponder (4 Input / 2 Output)	0.180kg
SMT12	BPZ:8006160001	SMT12 Transponder board (4 Input / 2 Output)	0.100kg
SMT22	S54542-F110-A100	SMT22 Transponder (2 Input / 2 Output)	0.080kg
SAT24	S54542-F112-A100	SAT24 FM Transponder (4 Input / 2 Output)	0.080kg
SMT24	S54542-F111-A100	SMT24 FM Transponder (4 Input / 2 Output)	0.080kg
SMT44	BPZ:8006730001	SMT44 Output Transponder board (8 Output)	0.200kg
SAP14	BPZ:8003160001	SAP14 External power supply	5.200kg
SAP20	BPZ:8006880001	SAP20 External power supply	10.00kg
SAP25	BPZ:8002930001	SAP25 External power supply	10.00kg
SAR11	BPZ:8000990001	SAR11 E-BUS Repeater / Isolator	0.200kg
SMR11	BPZ:8001090001	SMR11 E-BUS Repeater / Isolator board	0.100kg
SAH14	BPZ:8001410001	SAH14 Plastic Housing	0.117kg

* Total weight of the product inclusive of the weight of its accessories and packaging.