



A versatile **bidirectional** KNX gateway for all **Siemens SPC** intrusion panels.

Main Features

The interface is fully **bidirectional** between an SPC panel and KNX. It supports three types of communication objects:

- **events**: when particular things happen, the panel raises events. SPCway supports **135 types of events**, which can be configured to many hundreds of different actual communication objects.
- **commands**: SPCway supports **25 different types of commands** (on doors, areas, zones, users, panel, output, audio) that can be send to the panel. These can be configured to many hundreds of different communication objects.
- **status**: SPCway supports **23 different types of status** informations. Combined with the numbers of elements (doors, zones, ...) this results in many hundreds of possible status communication objects.

The gateway is also a **KNX-IP router**, with advanced **filtering** options.

Configuration

Everything is easily configurable on the gateway; no need to get into the panel configuration to modify the communication objects once the EDP-client is set up.

Security – certification

If for security reasons, certified limitation of the allowed commands is required, then this is configured inside the panel. The SPCway aligns with system certification.

Installation

Physical & electrical installation time is a few minutes: click on DIN rail, connect power, LAN and KNX. Overall time mainly determined by parametrisation of communication objects.

All configuration is done through the embedded webserver, without need for ETS.

Constraints

The product supports all present and future SPC intrusion panels which have at least 'EDP over TCP V2' (panel firmware version 2.3 or higher, dating 2011-2012).

Power : 12-24VDC, < 2Watt (from SPC panel, KNX or dedicated PSU)

Variants

There are three variants of the SPCway, in line with the SPC product portfolio:

- version 4xxx : can be used on SPC panels 4xxx
- version 5xxx : can be used on SPC panels 5xxx or lower
- version 6xxx : can be used on SPC panels 6xxx or lower

Characteristics

KNX	
Communication objects	No real limitation (1000 and more)*
Group addresses	No real limitation (1000 and more)*
Telegram types	Support for Read, Write and Response telegrams
Status resend	Status GA is updated at change. Periodic resend for predefined values can be configured per GA and per value.
Reactivity	Delay between an event report or command execution is ~50ms or less. Delay for status updates ~100ms or less.
KNP-IP	Supported, including source & destination filtering, supports secure tunnel
	(*) limitation mainly due to telegram rate limitation on the KNX bus. See www.KNX.org
Interface	
LAN	10/100 ethernet
KNX	KNX/EIB keystone (black/red)
PSU	12-24VDC input.
Power	Power consumption typically ~1Watt (<2 Watt)
Mechanical	35mm DIN-rail, latching
Dimensions	53x57x90mm (WxHxD)
Configuration	
Webserver	The gateway is completely configured through the embedded webserver (smartphone/tablet/pc supported)
Product database	There is no specific product database, due to the virtually unlimited possible variations of communication objects which can be created. ETXn support through dummy device product database.