# APEX
## Home Automation

Control At Your Fingertips

# Making Your Homes Smarter Since **2013**

## About smart APEX Company

Founded in 2013, smart APEX company is a developer and manufacturer of home automation components with extensive experience. At smart APEX Company, we always strive for innovation and quality. Under the APEX brand name, the smart APEX company offers a variety of smart system products, including relay modules, smart light switches, smart dimmers and thermostatic light switch equipped with Z-Wave, CAN-BUS, and TCP/IP protocols. Open communication protocol and available software drivers enable APEX components to be integrated with the bestknown platforms.

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**Nothing beats
simplicity**

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**Everything You Expect**
**And Much More!**

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# Control Your Home With Style

## APEX Thermostatic Light Switch

- Temperature control via four dedicated touch buttons
- Four dedicated touch buttons for making your scenes (short and long press)
- Four high power inside relay (5A per output)
- Flexible output relay programming (AC, Blind, Lighting)
- Working Voltage: AC (100~240VAC) Or DC (24v)
- Communication: CAN-BUS / Z-Wave
- Advanced aluminum material
- EU standard size
- Variety of high-quality finishes to beautifully blend in your interior: Pure White, Brushed Black, Brushed Golden and more!
- Control4 compatible

CAN bus      ZWAVE PLUS

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# Enjoy your smart home with APEX crystal face.

**APEX Smart Light Switch**

- Temperature control via four dedicated touch buttons
- Four dedicated touch buttons for making your scenes (short and long press)
- Four high powers inside relay (5A per output)
- Flexible output relay programming (AC, Blind, Lighting)
- Working Voltage: AC (100~240VAC) Or DC (24v)
- Communication: CAN-BUS / Z-Wave
- Tampered glass
- EU standard size
- Support of OTA firmware updates on Zwave Type
- Support of inline firmware updates on CAN-BUS Type

CAN bus    ZWAVE PLUS

/ **Beautiful On The Outside,**
**Smart On The Inside**

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# A Touch That Brightens Your Home

**APEX Smart Light Switch**

• Four separated touch buttons for making 1/2/3/4 gang switch
• Make four scenes with long press per buttons
• Four high power inside relay (5A per output)
• Flexible output relay programming (Blind, Lighting)
• Working Voltage: AC (100~240VAC) Or DC (24v)
• Communication: CAN-BUS / Z-Wave
• Advanced aluminum material
• EU standard size
• Various finishes that match your home style: Pure White, Brushed Black, Brushed Golden and more!
• Non neutral power type with high power relay (16A latching relay) on Zwave type.
• Powerful four 10A relay + one 0-10V dimmer output (Zwave type - optional)
• Support of OTA firmware updates on Zwave Type
• Support of inline firmware updates on CAN-BUS Type
• Control4 compatibl

CAN bus    ZWAVE PLUS
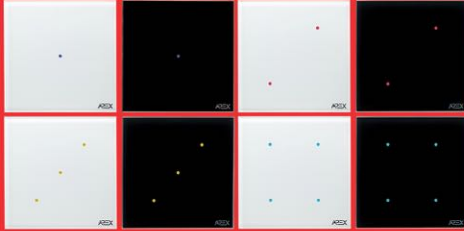
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/ Where imagination
meets innovation

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# Touch the sense with glass keypad

**APEX Smart Light Switch**

- 1/2/3/4 gang switch
- Make four scenes with long press per buttons
- Four high powers inside relay (5A per output)
- Flexible output relay programming (Blind, Lighting)
- Working Voltage: AC (100-240VAC) Or DC (24v)
- Communication: CAN-BUS / Z-Wave
- Tampered glass
- EU standard size
- Non neutral power type with high power relay (16A latching relay) on Zwave type.
- Support of OTA firmware updates on Zwave Type
- Support of inline firmware updates on CAN-BUS Type

CAN bus
ZWAVE PLUS

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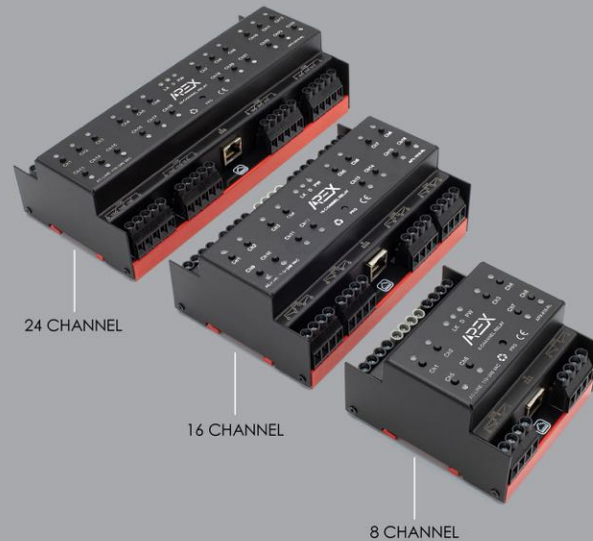# Everything you need to know about RGB indicator

APEX light switch and Thermostatic light switch have several possibilities to control the RGB status light. If the switch is not touched, the LED light is set to the night light. The color and brightness of the night light can be defined by an application. Each button has an RGB status that it can be set to several colors on press and release mode. Also, a central RGB LED in each product can help to realize instant actions.

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24 CHANNEL

16 CHANNEL

8 CHANNEL

# Beating Heart Of The Automation

**APEX Relay Modules**

• Smart multifunction actuators: curtain, lighting and fan coil unit (FCU)
• Communications: Ethernet (SDDP), CAN-bus (industrial protocol) Or Z-Wave
• Working Voltage: AC (100~240VAC)
• Latching relay technology with low power consumption (20A)
• Top-quality metal body
• Separated port for control via RF waterproof keypads
• Easy to mount either on rail or any other surface
• Support firmware updates for own and CAN-BUS connected devices via integrated web server

# 16 Channel Digital Input

- Power requirement:24~48VDC / 220VAC (Selectable)
- Power consumption:3W
- Supported input type: Contact (short or open between Ix(x=1-16) and COM pin)
- Control communication : CAN-BUS
- Inputs operation method : Contact in (Ix to COM , Close /Open)
- Operational temperature : –10 to 60 C
- Humidity : 5% to 95% non-condensing
- Cotrol4 Compatible

# Smart APEX Dali Gateway

- The APEX DALI Gateway serves as an interface between the DALI and the Control4 system (SDDP).
- A maximum of 64 DALI members can be connected to a DALI output
- Individual control of up to 64 ECGs possible
- Up to 16 groups can be switched, dimmed or set to defined value
- Support of DALI "Device Type 6 & 8 & 24" (DT6, DT8 and DT24) for controlling light color, brightness, keypads and color temperature
- Status and error information for a visualization
- Manual operation
- Built-in DALI power supply (250mA)
- Scene module for up to 16 different groups
- Integrated web server
- Update device firmware using web server

# Smart APEX MINI-IP Gateway

• CAN-BUS to ethernet gateway
• Rs485 HVAC controller support
• POE standard 48VDC
• Ethernet connector support standard POE
• Update device firmware using web server
• HVAC gateway supported, such as Coolmaster, Intesis ,
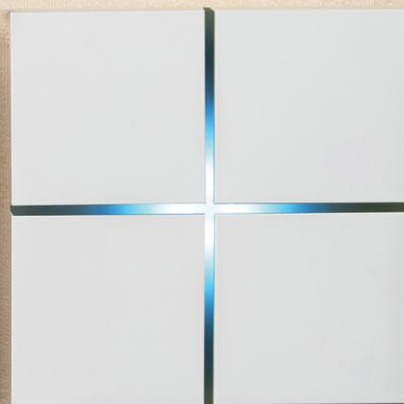  Daikin and ....

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Boarders

1 DIGITS

2 DIGITS

3 DIGITS

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## What is SDDP?

SDDP or "Simple Device Discovery Protocol" is a software that is built into APEX products to make integration with a Control4 system easy and seamless.

## How can SDDP help you?

With incorporating the SDDP technology into APEX products, you can enjoy a lower cost of installation. Your Control4 system will also be more reliable, thereby reducing the need for maintenance.

## Get in touch with APEX

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