HDL®

HDL®

Intelligent Control Panels

There's always one more option.

As everything connected to the smart system can be controlled with a mobile phone, why do we bother installing control panels on the wall? If you are in the automation industry, please ignore this question. However, I think, end users would like to know. For the following reasons, control panels or wall panels are needed in an automated building.

A wall panel is a guarantee. Smart systems are super convenient that they allow you to control everything with a mobile phone. But we can't just put everything ONLY on a phone. A wall panel guarantees that you still have your building under control when you are not able to use your phone or the Internet connection. You are recommended to have wall panels installed for this sake.

Operating on a control panel is a handy way. As we don't always have our phones with us, a press on the control panel would be quite helpful. For example, when you walk out of the bathroom after shower and want to switch off the lights, you would just naturally use the wall panel standing next to you instead of your phone sitting somewhere else.

It shows respect to users of different preferences. It's true that sometimes controlling everything with phone is cool and convenient. But it doesn't mean that everybody likes this way, especially seniors. We shouldn't force others to opt to a phone. Instead, we should respect their preference and offer one more option: install wall panels.

Control panels add credits to the aesthetics of your building. As most of the control panels are multifunctional and able to control all the devices in a room, one panel would be enough for one room or area. You don't have to install lines of switches on the beautifully decorated wall and maintain its original aesthetics. In another way, the control panels are designed to be eye-catching that you possibly would like to have them installed as some kind of ornaments.

HDL intelligent control panels

HDL provides the market with various options of intelligent control panels, which can be used in homes, commercial buildings and hotels, as well as other buildings.

We believe, control panels are meant to be attractive while offering superb user experience. This book introduces to you the full range of HDL control panels that are of different styles and features. You must be able to find the one you need.

As we offer products of our proprietary communication protocols as well as KNX, some of the control panels have variants for different protocols. We will indicate that with the following logos.

buspro

buspro WIRELESS

KNX®

HDL®

Intelligent Control Panels

Contents

S10

S10 is a touch screen that supports both HDL Buspro and KNX protocols. It is equipped with a 10.1-inch 800 x 1280P HD display, a quadcore high performance CPU and a dedicated user interface. You can use it as a control panel, as well as the indoor unit of a video intercom system.

Dedicated user interface
Works as a control panel or intercom indoor unit

Available for:

buspro | KNX

Other features and specifications

10.1-inch 800X1280P display	200 MP front facing camera	Built-in echo-cancellation circuity	High-sensitivity microphone and low-distortion speaker
Built-in real-time clock (RTC)	Proximity sensor to automatically wake up the display	Temperature sensor to read the environment temperature

Dedicated UI keeps everything simple

We designed a dedicated new user interface for S10 with optimized layout and operation logic specially for wall-mounted panels. You can effortlessly control every connected device by a simple touch on S10.

- Better UI layout for wall-mounted control
- Simpler operation logic

S57

Quick and full intelligent control experience

S57 is a multifunctional touch-control panel with a 5.7-inch display. It is equipped with high performance CPU and uses HDL ON as the default user interface. You can easily control every device connected to the smart system just by flipping your fingers on the screen.
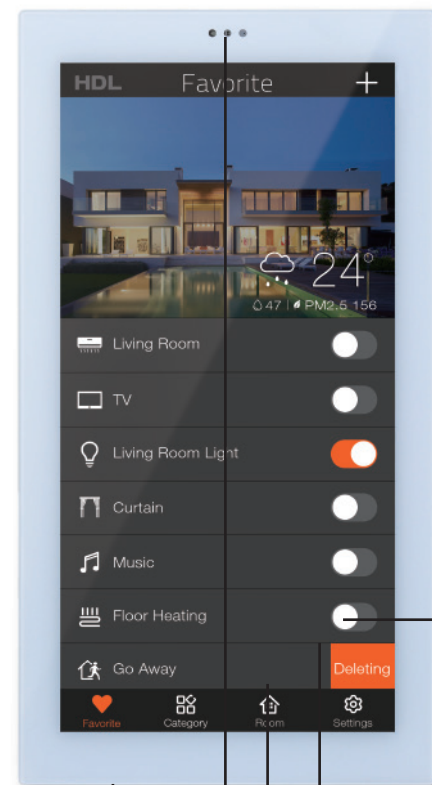
Features and specifications
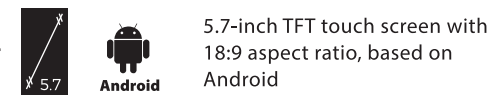
5.7-inch TFT touch screen with 18:9 aspect ratio, based on Android

Default UI: HDL ON, Optional: iRidium Mobile apps

Built-in proximity sensor, brightness sensor

Built-in microphone and speaker

Supports Bluetooth, Wi-Fi, RJ45

Power supply: DC 24V or POE

Natural and intuitive

S57 has a built-in proximity sensor and light sensor. When your hand approaches to it, the screen will automatically wake up and adjust its brightness to a comfortable level according to the environment lighting. With the intuitive user interface, you can effortlessly operate on the screen and find the whole process so natural.

Tile

Controls everything you need

Tile is a series of intelligent control panels that has push-button keypads, OLED multi-functional panels, socket panels with USB ports and emergency button panels.

Its rectangular or square buttons are just like little tiles paved on the surface. It is able to keep the walls in a consistent and beautiful look while meeting various requirements of functionalities.

Available for:

buspro | KNX®

Shading

Lighting

HVAC

More

Color:

Plastic: ☐ Ivory White
          ■ Ash Gray

Metal: ■ Champagne Gold
          ■ Space Gray

Features and specifications

- Supports various types of control targets
- Flexible combinations for required functionalities
- RGB icon backlight
- Customizable button icons
- Users are allowed to set the colors of icon backlight
- Available in two materials and four colors
- Runs on HDL Buspro protocol
- Supports online upgrade

Premium quality with two materials

Tile series comes with two versions of different materials: metal and plastic. Each one is able to give you a sense of premium quality, either with the refined sandblasting finishes on the metal one or the skin-like touch feeling on the plastic one.

Flexible combinations for functionalities

The basic unit of Tile is a keypad or socket panel in EU standard. You can use just one unit if it meets your requirement, or combine multiple units to serve more functionalities in a specific area.

- Horizontal   ☐ Ivory White

2-gang   3-gang   4-gang

- Vertical (Metal Version Only)   ■ Space Gray

2-gang

3-gang

4-gang

Granite

The Granite Panels are made of the most regular shapes, rectangles. With careful calculation on the proportion of each rectangle stripe, we make these obvious shapes a unique piece of ornament that naturally fits into your home.
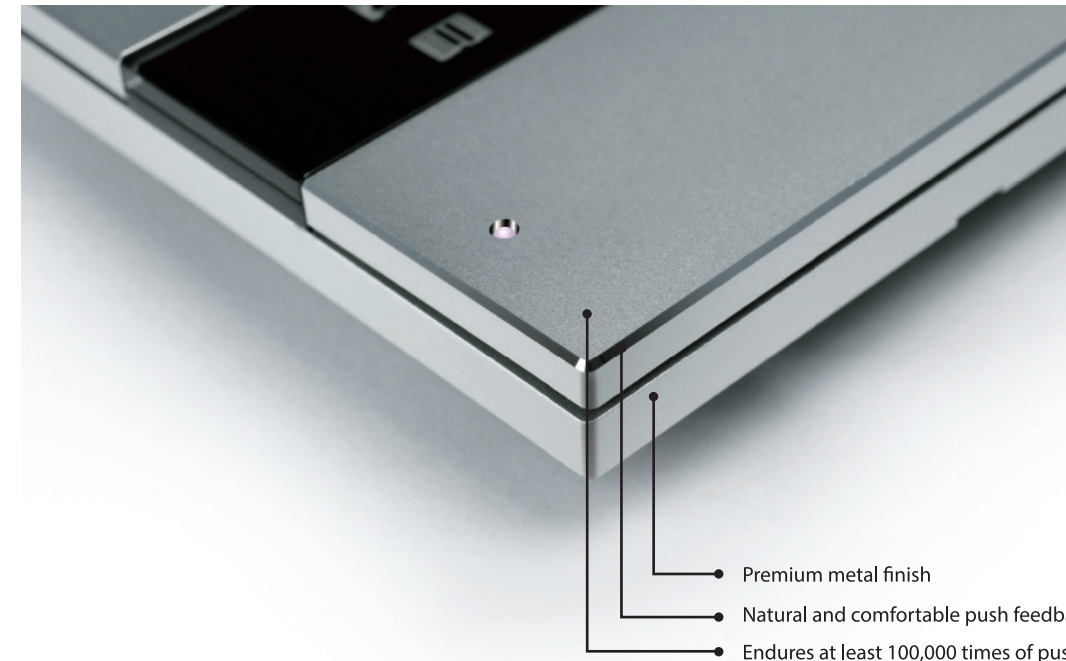
Available for:

buspro | KNX

Available in two sizes with three colors

Size: 86 x 86 mm (EU), 86 x 116.5 mm (US)
Power supply: DC 24V
**Color:** ▢ Arctic silver ▪ Space gray ▪ Rose gold

Instinctive experience

Most of the time, when we see a metal switch, we push it to control instead of touching it. So, we make it a push-button panel.

Premium metal finish

Natural and comfortable push feedback

Endures at least 100,000 times of pushes

More intuitive, more beautiful

The status indicators and icon backlight on the Granite panels are RGB lights, which means the brightness can be dimmed to the level you want, and the colors can be changed to show different status.

The icons on the panels just intuitively show you what to control. Compared to engraving words on the buttons, icons make the appearance more minimal and look better.
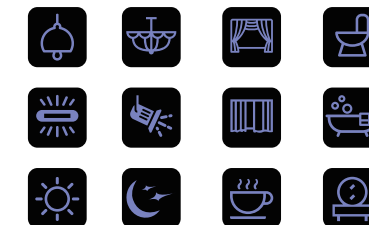
Icons for Intuitive Control

Prism Pro

Available for: buspro

Size: 86 x 116.5 mm (US)
Colors: ☐ Pearl White   ◼ Night Black

One panel for one room

Prism Pro is a touch panel that consists of an elegant metal frame and covered entirely by one piece of glass on the front. With the display showing the control targets and status, you can intuitively control lighting, shading, HVAC, music and more functions.

Features and specifications

- CNC cut aluminum frame
- 2.5D glass cover
- 2.4-inch display for intuitive control
- RGB status indicators
- Customizable button icons
- Built-in temperature sensor
- Built-in proximity sensor for auto display wakeup
- Supports multiple types of control targets
- Runs on HDL Buspro
- Supports online upgrade

Shading   Lighting   HVAC

Music   More

2.5D Glass Cover

Prism Lite

Your choice of ultimate simplicity.

Meant to be premium and simple, Prism Lite can easily merge into your interior deco with its minimal appearance.

Available for: buspro

Size: 86 x 86 mm (EU), 86 x 116.5 mm (US)
Colors: ☐ Pearl White   ◼ Night Black

Features and specifications

- CNC cut aluminum frame
- 2.5D glass cover
- RGB status indicators
- Customizable button icons
- Built-in temperature sensor
- Built-in proximity sensor
- Supports multiple types of control targets
- Runs on HDL Buspro
- Supports online upgrade

Enviro

Enviro is a touch-control panel equipped with a 4.3-inch display. It allows you control lighting, curtains, HVAC, music and more functionalities effortlessly on its intuitive graphic user interface. What you need to do is just a press on the screen.

Shading	Lighting	HVAC
Scenes	Music	More

Available for:

buspro | KNX®

Size: 86 x 116.5 mm (US)

Power supple: DC 24V

Colors: ■ Black   ☐ White

Other features and specifications

- Color capacitive touch display
- Customizable UI
- Built-in proximity sensor
- Built-in temperature sensor
- Built-in IR receiver
- Built-in real-time clock
- Aluminum frame
- Supports online upgrade
- Power supply: DC 24V
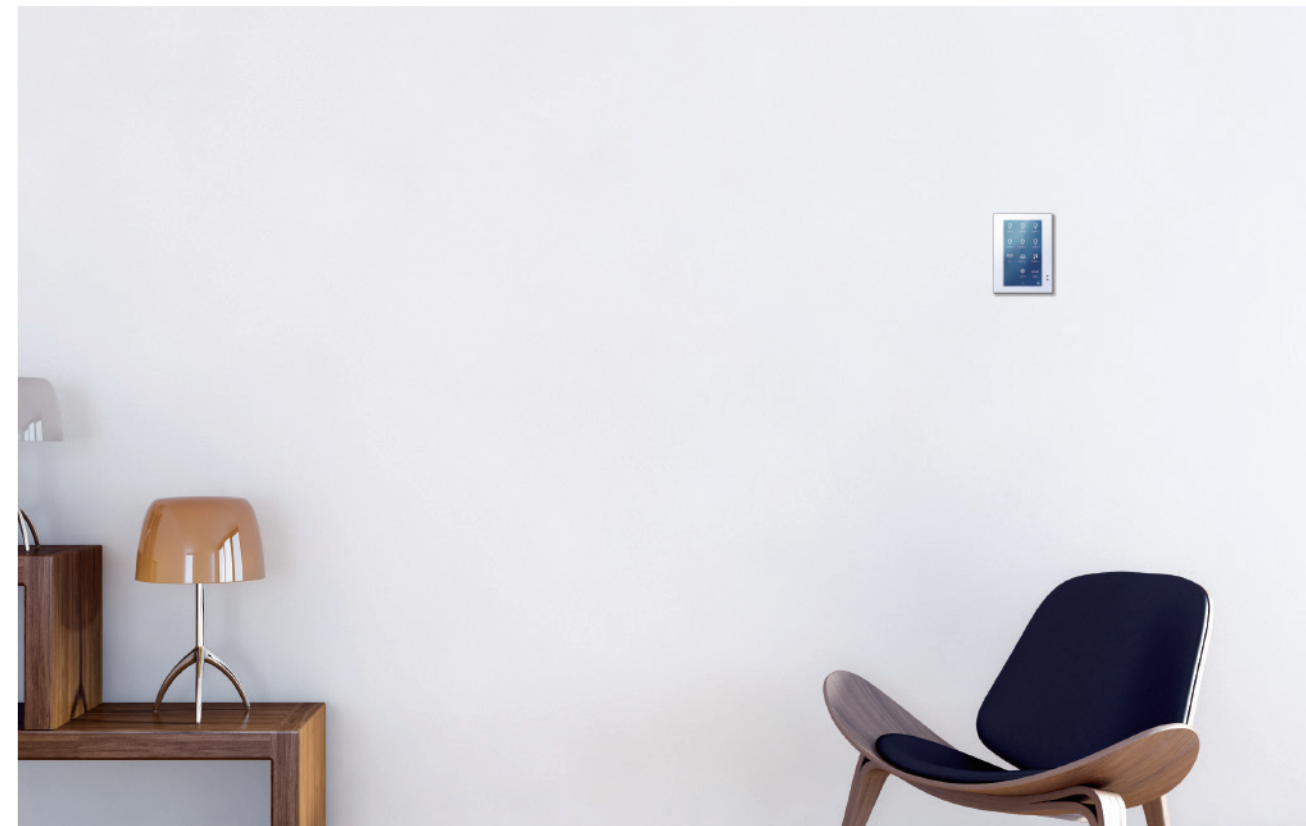
Powerful and easy to use

Like other HDL control panels, Enviro enables you to control all devices connected to the system. Yet, it's simple and easy to use. For example, the screen will automatically wake up as your hand approaches to it. The process is so natural and smooth that no extra movement is needed to access the home page.

DLP Touch

DLP Touch is designed to offer you a quick and simple touch-control experience. Its face is entirely covered by one piece of glass. With the LCD in the middle, you can have the icons or text customized. Every time you touch the panel, you clearly know what to control. Not a single thought is needed.

Shading	Lighting	HVAC
Scenes	Music	More

Available for:

buspro | KNX®

Size: 86 x 116.5 mm (US)

Power supple: DC 24V

Colors: ■ Black ☐ White

Other features and specifications

- Mono-color LCD
- Customizable icons and captions
- Built-in temperature sensor
- Built-in proximity sensor
- Built-in IR receiver
- Aluminum frame
- Supports online upgrade

DLP
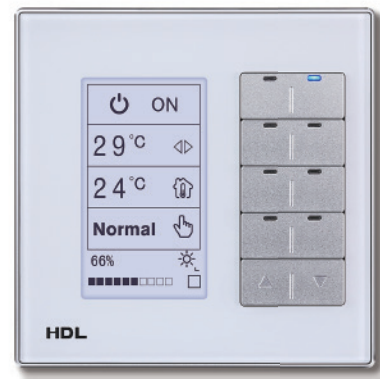
Since its release 10 years ago, DLP has been installed in numerous projects. It's always one of the most popular items among our control panels family.

The LCD directly indicates the control contents when its push buttons are able to give you firm feedback that confirms your operation.

- Mono-color LCD display
- Supports 147 languages
- Customizable icons or captions
- Built-in temperature sensor
- Aluminum frame
- Supports online upgrade

Available for:

buspro | KNX® | buspro WIRELESS

Size: 86 x 86 mm (EU), 86 x 116.5 mm (US)

Power supple: DC 24V

Colors: ■ Black   ☐ White

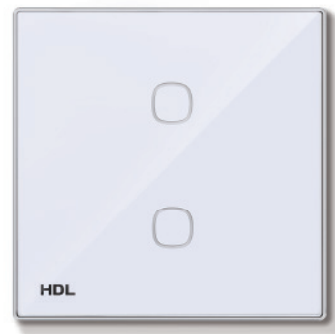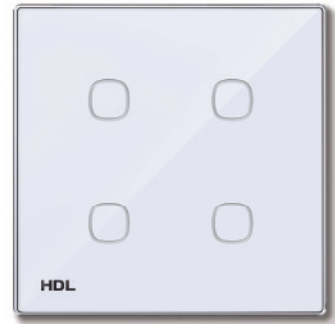Shading   Lighting   HVAC

Scenes   Music   More

iTouch

2-button

4-button

iTouch is always a great option if you are looking for a beautiful keypad of minimal design. Its body is enclosed by a fine aluminum frame, while the face is a piece of glass with touch buttons. It perfectly matches any interior decoration.

Shading	Lighting	HVAC
Scenes	Music	More

Most of the time, it is used to switch on or off a device or a scene. But you can also dim the brightness of lights by a long press.

- Touch button with RGB backlight
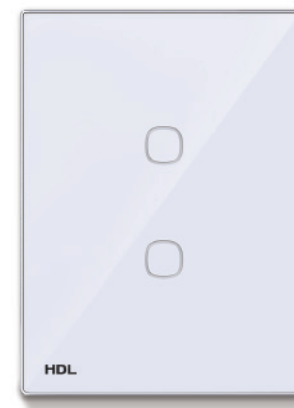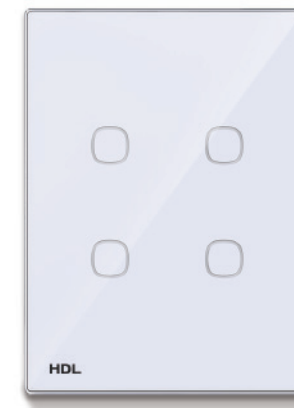- Aluminum frame
- Supports online upgrade

Available for:

buspro | KNX® | buspro WIRELESS

Size: 86 x 86 mm (EU), 86 x 116.5 mm (US)

Power supple: DC 24V

Colors: ■ Black ☐ White

2-button

4-button

6-button

iFlex

2-button

It really helps if we have icons or captions for the buttons on a keypad, especially when there are multiple devices to control. But what do you think is the easiest way to put an icon or caption on a button? Right, we can draw an icon or write a caption on a piece of paper, and place it on the button. And we call that piece of paper a tag. This IS the idea of HDL iFlex.

Available for:

buspro | KNX®

Size: 86 x 86 mm (EU), 86 x 116.5 mm (US)

Power supple: DC 24V

Colors: ■ Black ☐ White

4-button

6-button

- Push button with removable tags
- Aluminum frame
- Supports online upgrade
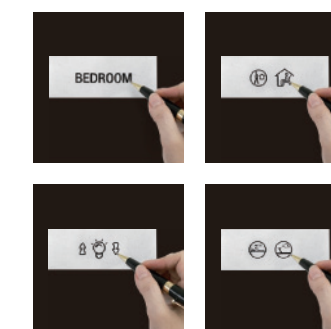
8-button

DIY customization

The iFlex range offers users the ability to swap their button names or icons, by simply removing a plastic sleeve and placing one of their own designs under it.

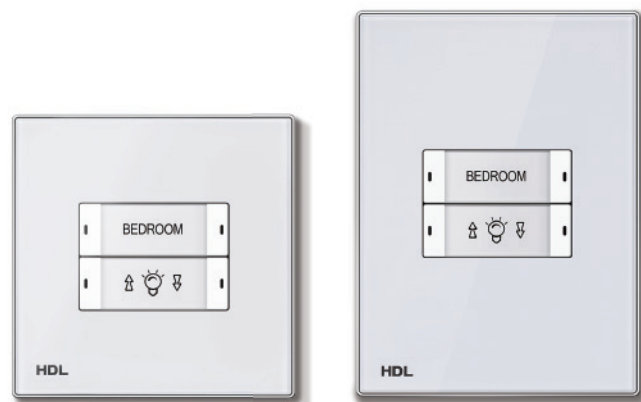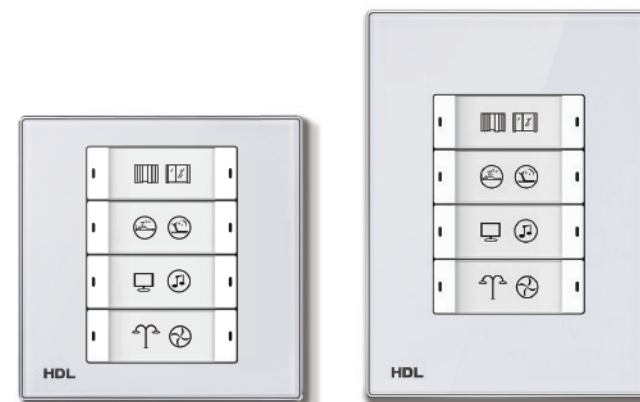This enables rapid changes without the need for computers, engraving, or etching.

Hospitality Interfaces

Enhance the guest experience.

Hospitality providers require solutions that are highly specialized, and designed to meet the requirements of both guests and staff.

At HDL we provide a range of keypads, panels, and user interfaces which have proven themselves in countless installations across the globe. From Marrakesh to Mumbai, and Berlin to Beijing, HDL hospitality solutions can empower your hotel to provide your guests with the service they deserve.

Although the hospitality solution range has been created specifically for the hospitality industry, due to the inherent flexibility and compatibility of the HDL system, any HDL control interface can be used in a hospitality setting.

Notification Stations

A guest's privacy is priceless.

First impressions form lasting memories. That's why the HDL smart guest room experience starts before a guest even enters their room. Choose from two customizable notification stations which show the room number as well as laundry, cleaning, and do not disturb indication.

To make access to the room even easier, the SB-3s-Bell-XS also features RFID card technology. This means a guest need only swipe their room card to open their door.

Entrant Doorbell

No need to knock.

The Entrant range is elegantly simple in appearance and operation. Designed specifically to give potential visitors to a guest's room an ability to realize if a guest wishes to be disturbed, without having to interrupt them.

As a secondary precaution against unwanted intrusion, the Entrant range also features a bell so that visitors will never be unexpected.

Thermipress Switch

Simplify air conditioner control.

Using universal icons, and a high contrast LED display, wherever you are from in the world the dedicated HDL air conditioner controller will always be easily understood.

With four simple push buttons consisting of mode, power, and temperature increase/decrease, guests will never struggle to operate their room thermostat again.

Ecomaster Card Switch

Your guest room made energy efficient.

Created to activate or deactivate a room's electrical system, the Ecomaster card range enables hoteliers to dramatically increase their energy efficiency. With the ability to activate different scenes when different cards are inserted, the Ecomaster card switches can personalize how a guest experiences their room.

From automatically activating the lighting, to triggering a welcome message, the card switches deliver a truly efficient customizable environment.

i-Elegance

Simple. Uncompromising. Timeless.

Taking inspiration from the work of Dieter Rams, the i-Elegance range evokes the true spirit of 'form follows function'.

With an uncompromising design representing the distilled essence of a control platform, the i-Elegance range is simple and intuitive to use.

Coming in a range of 1/2/4/8-button combinations, with fully customizable button icons and labels, the i-Elegance range is perfect for any hotel be it boutique or an international chain.