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ILLUSTRATED CATALOG

LEADING PROFESSIONAL INTELLIGENT HOME AND BUILDING CONTROL SYSTEM

GVS®

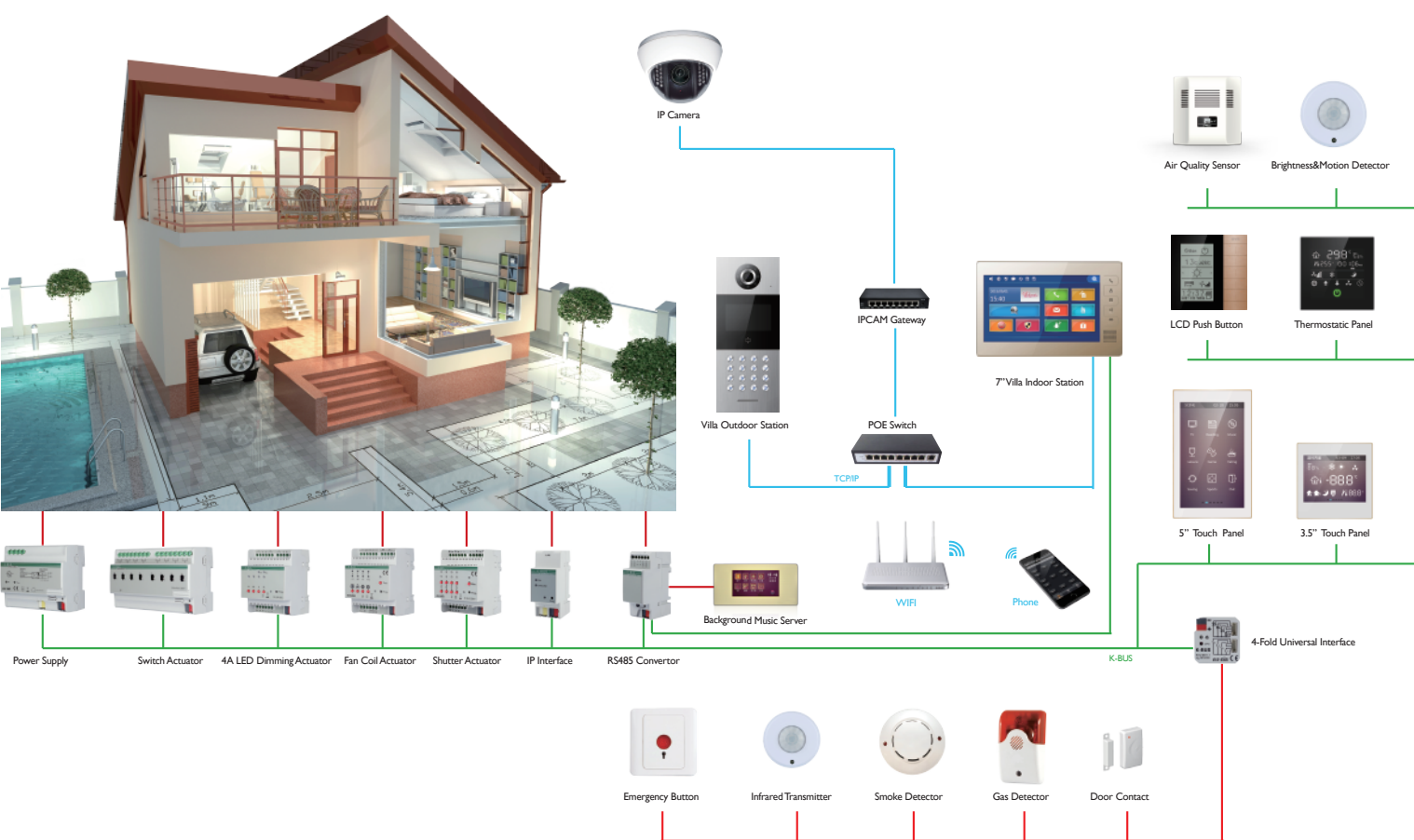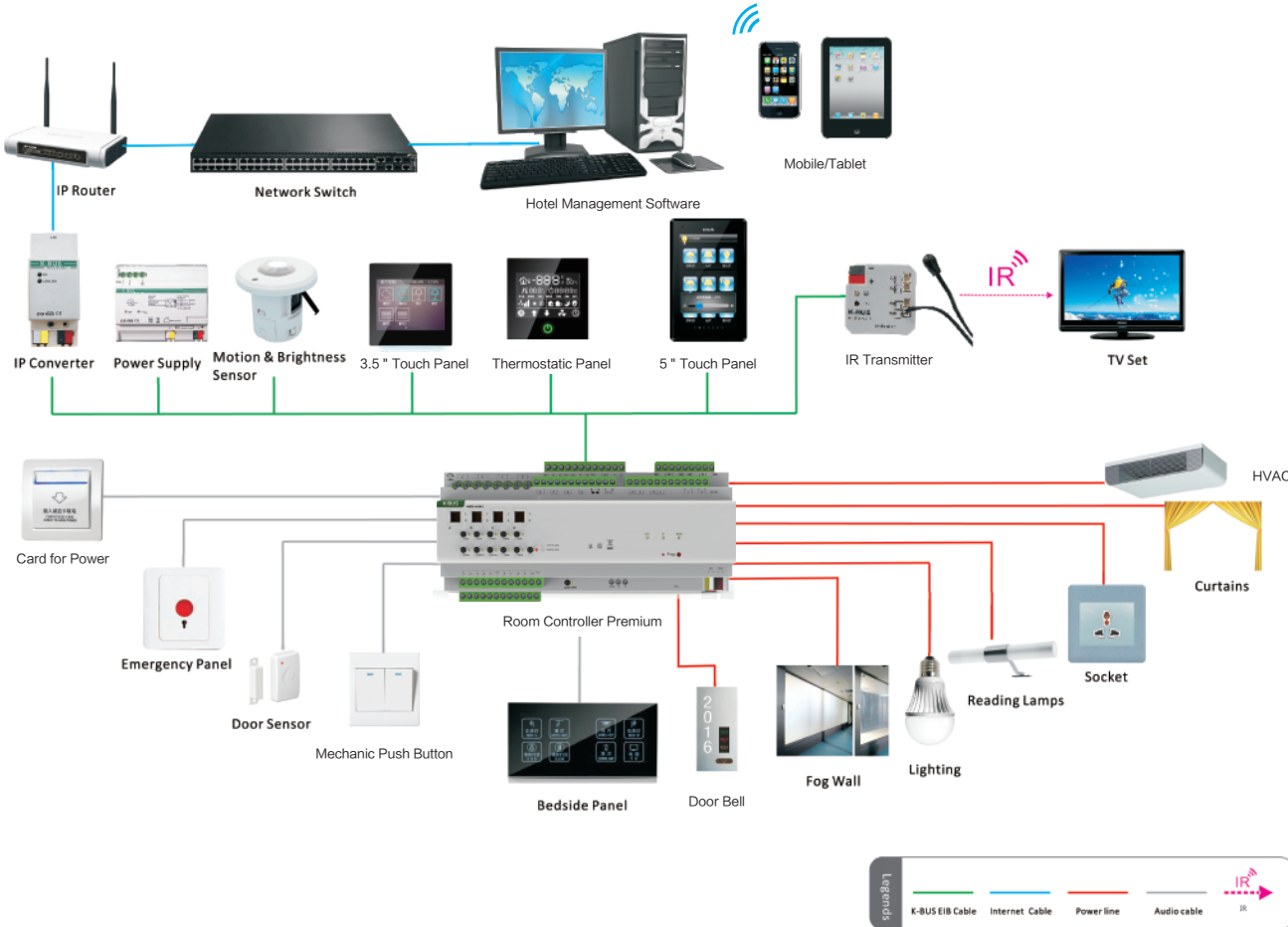GVS®

GVS

Digital Centre

GVS Since 1999

Established in 1999, GVS Group has been devoting itself into spreading the technology of video door phone solution as well as KNX home and building automation, with it's highlighted capability in development and manufacture in display(CRT/TFT) industry, the Group has long been in the first rankings of suppliers for IP video door phone solution and smart home and building solution. Being the UNIQUE Chinese enterprise in the BOARD MEMBER team of KNX CHINA, the Group surely will achieve more…
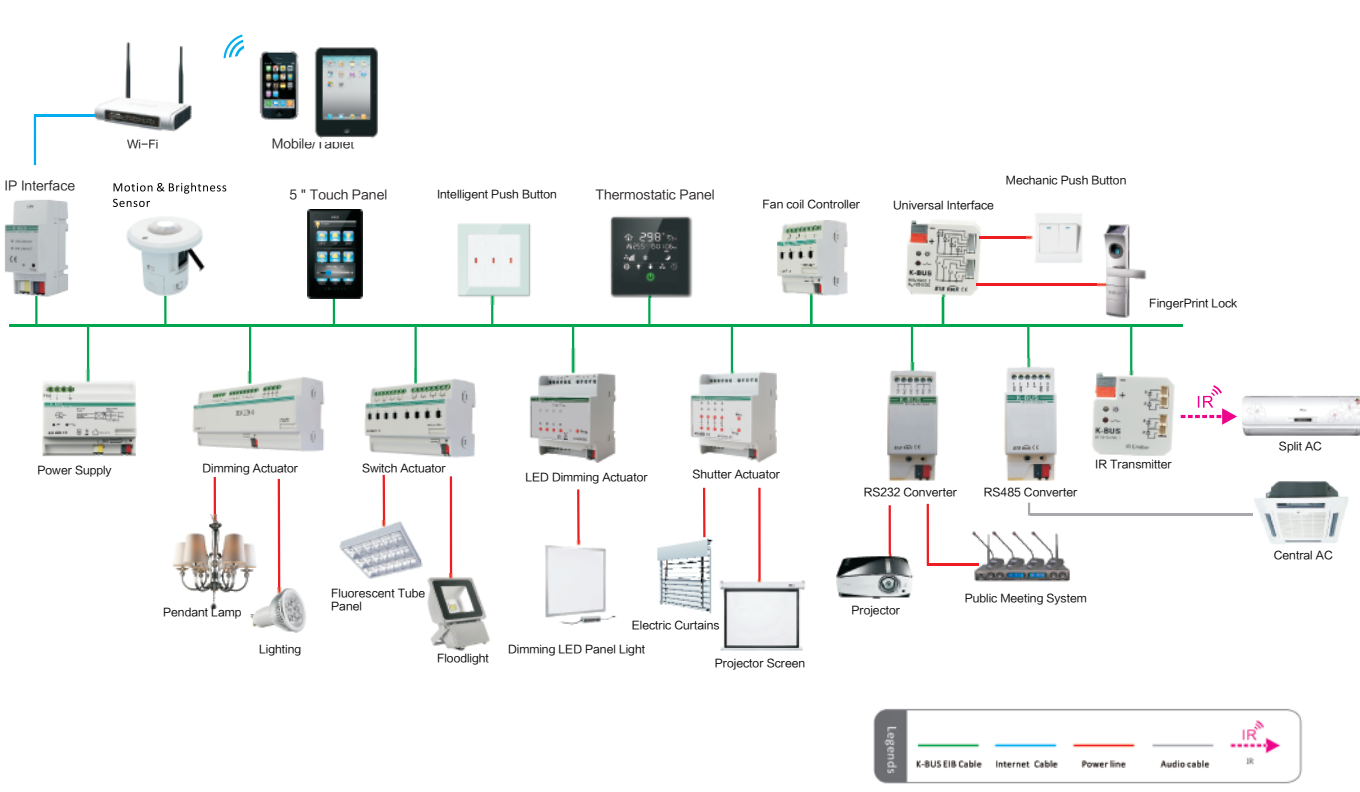
Home Automation Solution

IP Camera
Air Quality Sensor
Brightness&Motion Detector
IPCAM Gateway
LCD Push Button
Thermostatic Panel
7"Villa Indoor Station
Villa Outdoor Station
POE Switch
TCP/IP
5" Touch Panel
3.5" Touch Panel
Background Music Server
WIFI
Phone
4-Fold Universal Interface
K-BUS

Power Supply
Switch Actuator
4A LED Dimming Actuator
Fan Coil Actuator
Shutter Actuator
IP Interface
RS485 Convertor

Emergency Button
Infrared Transmitter
Smoke Detector
Gas Detector
Door Contact

Hotel Automation Solution

IP Router
Network Switch
Hotel Management Software
Mobile/Tablet
IP Converter
Power Supply
Motion & Brightness Sensor
3.5 " Touch Panel
Thermostatic Panel
5 " Touch Panel
IR Transmitter
IR
TV Set

Card for Power
Emergency Panel
Door Sensor
Mechanic Push Button
Room Controller Premium
Bedside Panel
Door Bell
Fog Wall
Lighting
Reading Lamps
Socket
Curtains
HVAC

Legend:
K-BUS EIB Cable
Internet Cable
Power line
Audio cable
IR

Office Automation Solution

Wi-Fi
Mobile/Tablet
IP Interface
Motion & Brightness Sensor
5 " Touch Panel
Intelligent Push Button
Thermostatic Panel
Fan coil Controller
Universal Interface
Mechanic Push Button
FingerPrint Lock

Power Supply
Dimming Actuator
Switch Actuator
LED Dimming Actuator
Shutter Actuator
RS232 Converter
RS485 Converter
IR Transmitter
IR
Split AC

Pendant Lamp
Lighting
Fluorescent Tube Panel
Floodlight
Dimming LED Panel Light
Electric Curtains
Projector Screen
Projector
Public Meeting System
Central AC

Legend:
K-BUS EIB Cable
Internet Cable
Power line
Audio cable
IR
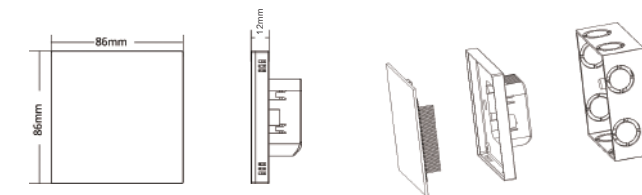
SMART
PANEL SERIES

Thermostatic Panel

CHTC−86/01.1.11

Function:

- Capacitive touch with high−contrast display
- Built−in temperature and humidity sensor
- 1 fold of external temp sensor input
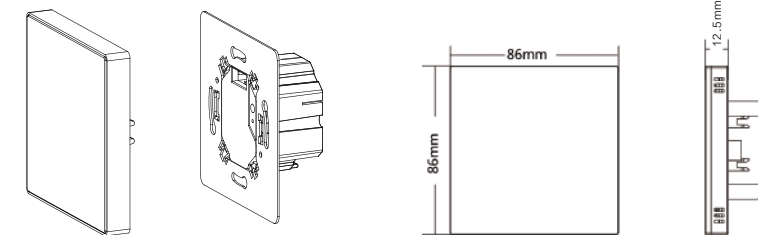- 3 folds of dry contact input.

Room Controller Premium
AMRP−41/00.2

- 10 folds of switch actuator
- 2 folds of 1−10v dimming actuator,can be used as 2 folds of switch actuator
- 2 folds of shutter actuator, can be used as 4 folds of switch actuator
- 1 fold of fancoil actuator, can be used as 3 folds of switch actuator

- 20 folds of dry contact
- KNX/IP interface
- KNX/RS485 converter

| Switch | Lighting | Curtain | Air Conditioner |

3.5" Touch Panel

CHTF−35/01.1

Function:

- Icon/Background customization
- Switching, dimming, curtain control, scene control, background music etc.
- Firmware updated via SD card without reboot
- Built−in temperature sensor.

86 bottom box installation

Product dimension chart

VOC
VOC

Air Quality Sensor PVR

- PM2.5/PM10 air pollution detector;
- Temperature, humidity and Air quality index (AQI) detector;
- Atmosphere volatile organic compounds(VOC) detector;
- Logic control and alarm function.

Humidity

Temperature

PM
PM2.5

Ultra-Thin 7mm

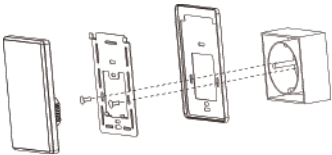### 5" Touch Panel

CHTF-05/01.3 (Ultra-Thin)

Function:

• Capacitive touch with sliding pages;

• Firmware updated via SD card offline;

• Max. 18 icons on 2 secondary pages, all customizable

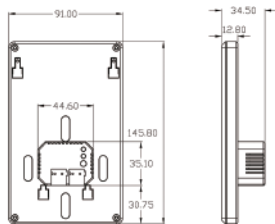• Switching, dimming, curtain control, scene control, temp, timing, HVAC control, etc.

Slim 7mm

Black   Silver   Golden

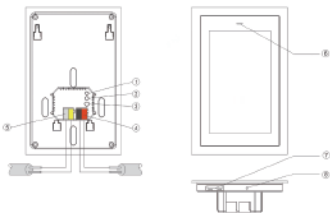Installation method   Product dimension chart
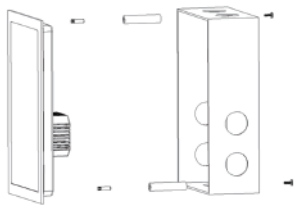
5" Touch Panel

CHTF-05/01.2(Flush-Mounted)

Function:

• Capacitive touch screen, TFT high-contrast display

• Switching, scenes, dimming, curtains control, sending the custom value, security, air-condition control

• RGB LED Dimming, Logic, background music control.

• Temperature control, build-in PI algorithm;

• Indoor and outdoor temperature display;

• Real-time clock, week display;

Black   Golden   Grey

Product dimension chart   Installation method
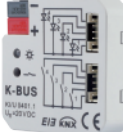
Picture	Name/Model	Installation/ Dimension	Function
	Power Supply KP/D30.640.1	DIN rail 90×108×60mm	• Power Supply：95~255VAC+10/-15%,47~63Hz. • KNX rated voltage: 30VDC+1/-2V,SELV • Auxiliary rated voltage：30VDC+/-1V,SELV • Sustained short-circuit current: <1.3A • Safty Degree: Ip20,EN60529
	KNX IP Router BNIPR-00/00.1	DIN rail 90×36×64mm	• Used as a line coupler, it joins up the lines with the main line to create a function zone • As a backbone coupler, it joins up the function zones with the overriding backbone line • As a repeater the coupler enables the connection of more than 64 bus devices to one bus line
	KNX Line Coupler BNLC-00/00.1	DIN rail 90×36×64mm	• The main task is filtering the traffic according to the installation hierarchy • Can be used as the programming interface • Support KNXnet/IP, ARP, ICMP, IGMP, HTTP, UPnP, UDP/IP, TCP/IP, DHCP and auto IP
	DALI Gateway BTDG-01/00.2	DIN rail 90×72×64mm	• Support individual control up to 32 DALI subordinate modules, including switch, relative and absolute dimming function • Support group control up to 64 DALI subordinate modules, dividable up to 16 groups, including group switch, relative and absolute dimming function • Working status feedback and brightness value feedback from up to 16 group devices • Support up to 16 scenes and broadcasts control
	Fan Coil Actuator AFVF-01/220.1	DIN rail 90×72×64mm	• Support 2/4 pipes valve, max.1A • Support external temperature sensor • Adjustable wind speed on 3 degrees with max. • Current: 6A • Temperature control algorithm
	Room Controller Premium AMRP-41/00.2	DIN rail 216×90×64mm	• 10 folds switching relay • 2 folds 1~10V dimming, used as 2 channels for Switching output • 2 folds shutter, used as 4 channels for Switching output • 1 fold HVAC, used as 3 channels for Switching output • 20 folds input dry contact • KNX IP protocol, easy to control by app • Standard KNX TCP/IP interface, standard RS485 interface
	Switch Actuator 4/8/12-Fold KA/R 0416.1 KA/R 0816.1 KA/R 1216.1	DIN rail 90×72×60mm DIN rail 90×143×60mm DIN rail 90×215×60mm	• Manual switching operation • Time function,on/off delay, scene control/preset via 8 bit/1 bit commands • Logic operation AND,OR,XOR, etc. function • Status check and response • Forced operation and safety function • Reaction to threshold function • Control of electro thermal valve drives • Selection of preferred state after bus voltage failure and bus recovery • Staircase lighting functions with warning and adaptable staircase lighting time

Picture	Name/Model	Installation/Dimension	Function
	Switch Actuator, 8-Fold, 10A ARES-08/10.1	DIN rail 72X90X64mm	• Scene control/preset via 8bit/1 bit commands • Logic operation AND,OR, XOR,gate function • Forced operation and safty function • Manaul switching operation • Time function,on/of delay • Status check and response • Inversion of the output • Threshold function setup
	Dimming Actuator 1/2/4-Fold KA/D0103.1 KA/D0203.1 KA/D0403.1	DIN rail 90 × 72 × 60mm DIN rail 90 × 143 × 60mm DIN rail 90 × 215 × 60mm	• Switching • Relative dimming • Status report & error report • Control of the intensity value of the lamp • BUS reset function • Staircase lighting • Up to 15 scenes preset • Preset & preset preserve function
	LED Dimming Actuator, 4-Fold,350/700mA KA/D 04.L1.1 LED Dimming Actuator, 4-Fold, 4A ADLD-04/03.1	DIN rail 90 × 72 × 64mm DIN rail 90 × 72 × 64.2mm	• Switching • Relative/Absolute dimming • Status report • Scene Function • Staircase Lighting • Preset Function
	1-10V Dimming Actuator ADTV 04/16.1	DIN rail 90 × 143 × 60mm	• Switching, relative/absolute dimming • 1-10V and 0-10V dimming signal • Scene function, staircase lighting etc.
	Shutter Actuator 4-Fold AWBS-04/00.1	DIN rail 90 × 72 × 64mm	• 4 folds, max. 6A/fold • Status display of the current position • Wind, rain and frost protection mode
	Universal Interface, 4-Fold KI/U0401.1	86*86mm or 60*60mm box 46 × 46 × 12mm	• LED control • Switching function • Scene control • Counting function • Force / Value output • Switching and dimming • Shutters / Blinds control • Multiple operation function • Switching sequence function
	Binary Input, 4-Fold CTBI-04/00.1	DIN rail 90 × 36 × 64mm	• Input voltage: 0-265V AC/DC • Switching and dimming function • Shutters / Blinds Control • Scene control

Picture	Name/Model	Installation/Dimension	Function
	Brightness & Motion Sensor CSBP-02/00.1	Ceiling-Mounted 91 × 74 × 76mm	• Threshold function • Illumination detection range: 1~65535lux • Movement detection range: high sensitivity (4m~5m) low sensitivity (5m~7m) • Master-Slave networking • Logic function
	IR Learner BTIL-01/00.2	18 × 20 × 77mm	• Capability of learning over 95% remote control units in the market • Universal USB port to guarantee communication with PC Logic function
	IR Transmitter 4-Fold, Ceiling-Mounted BTIS-01/00.1	Ceiling-Mounted 91X82X76mm	• 360° full direction transmitting
	IR Transmitter 4-Fold BTIS-04/00.1	Concealed installation 46 × 46 × 12mm	• 4 emitting channels, learning/storing up to 64 different IR codes in each channel • Each channel can link up to 16 group addresses • Support multi-sending and delayed-sending
	KNX/RS232 Converter BTCC-02/232.1	DIN rail 90 × 36 × 64mm	• Support up to 64 serial port control commands, with length up to 64 bytes • Each serial port can be triggered via 1bit or 1byte communication object. • Two serial ports with three wires-standard triple-line serial port • Support definition of serial port communication protocol
	KNX USB Interface BNUS-00/00.1	18x20x77mm	• Standard KNX/USB interface
	IP Interface BNIP-00/00.1	DIN rail 90X36X64mm	• Support standard KNX net/IP protocol
	KNX/RS485 Converter Uni/Bi-directional BTPT-02/485.1 BTPT-01/485.1	DIN rail 90 × 36 × 64mm	• Support predefined serial port communication capacity • Support target value of arbitrary length writing function • Support up to 256 messages convert from RS485 to KNX/EIB
		DIN rail 90 × 36 × 64mm	• Open RS485 protocol communicaiton interface • Transparent transfer of message • Support preset serial commmunication protocol

Picture	Name/Model	Installation/Dimension	Function
	KNX/RF \Transceiver BNRF–00/01.1 BNRF–00/02.1	DIN rail 90 × 36 × 64mm	• USB Standard 2.0 • Operating and display The red LED lights up as soon as the USB interface and KNX bus are connected; Green LED flashing for display the RF works well.
		DIN rail 90 × 36 × 64mm	• Operating and display Green LED flashing for display the RF works well.
	6–Button Touch Switch CHTB–06/01.2	86*86mm Box 60*60mm Box	• Switching, dimming • Shutter control • Fixed value sent • Scene function
	Intelligent Push Button CHKP–01/01.1.00 CHKP–02/01.1.00 CHKP–03/01.1.00	86*86mm Box 60*60mm Box	• Programmable RGB LED • Shutter & Blind control function • Simple switching • Scene control function • Relative / absolute dimming • Temperature control function
	LCD Push Button	86*86mm Box 60*60mm Box	• Monochrome display with low power consumption • Built–in temp sensor with HVAC control function • Multi–page with aluminum push buttons
	3.5 " Touch Panel CHTF–35/01.1(Classic) CHTF–35/01.2(Ultra–Thin)	86*86mm Box 60*60mm Box	• Icon/Background customization • Switching, dimming, curtain control, scene control, background music etc. • Firmware updated via SD card without reboot
	5 " Touch Panel CHTF–05/01.3 (Ultra–Thin) CHTF–05/01.1 (Classic)	86*86mm Box 60*60mm Box	• Capacitive touch with sliding pages; • Firmware updated via SD card offline; • Max. 18 icons on 2 secondary pages, all customizable • Switching, dimming, curtain control, scene control, temp, timing, HVAC control, etc.
	5 " Touch Panel CHTF–05/01.2 (Flush–Mounted)	Tailored Inst. Box 102 × 157 × 34.3mm	• Capacitive touch screen, TFT high–contrast display • RGB LED Dimming, Logic, background music control. • Temperature control, build–in PI algorithm; • Indoor and outdoor temperature display; • Real–time clock, week display;

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Austria · Falkensteiner Schlosshotel Velden

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Huijing New Town Building – Guangzhou

Hilton Hotel –guangzhou

Presidential Palace – Uganda

Wuxi Taihu Lake Villa

Meygoon project

Baghdad Grand Hotel

Nanjing Zhongshan US House

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