2026.06

Smart Building Control Systems by GVS :

KNX/EIB System

Video Intercom System

Catalogue



KNX Smart Touch S7 (KNX Secure)

An ALL-IN-ONE smart panel for KNX & SIP video Intercom.
→P. 006



KNX Waltz Touch+ Pad (KNX Secure)

Perfect combination of KNX touch panel & push button
→P. 009



KNX Push Button Sensor with Display, 55mm, 1/2/3/4-gang

Smart in size, ABUNDANT in function - Make it smart, yet simple.
→P. 012

GVS SMART CO., LTD.

Tel: +86 20 82088388
www.gvssmart.com
market@gvssmart.com

F3 / Building#5, No. 9, 4th Lanyu St.,
Huangpu District, Guangzhou, 510730,
P. R. China

GVS Since 1999

Since 1999, GVS has been focusing on building control technologies, offering it's worldwide clients with quality products and professional services.

As a hi-tech company, GVS is now a pioneer in smart building industry, the company operates mainly in business line of smart building, video intercom and smart Wi-Fi thermostat. Started as a CRT manufacturer for security devices, the company has now grown and expanded into a smart building product & service provider with its professional team in design, R&D, manufacturing and sales. With its highlighted capability in display and building technology, the company has long been in the first rankings of suppliers for both KNX building control system, IP/2-wire video intercom system and smart Wi-Fi product. As the FIRST native BOARD MEMBER of KNX CHINA and first-ranking video intercom & thermostat supplier, GVS will continue to renovate and contribute to the smart building technologies in the coming decades.

Just like the slogan goes: To make life smart, and smart simple!



Video Intercom Pathfinder

Dated back to 1999, GVS started with audio intercom module business, later developed to video intercom module. Started from analog 2-wire system, GVS now offers its client with full digital IP intercom solution, with perfect integration with smart home functions. GVS has never stopped on the way of exploration and innovation for a smarter and more secured life style.

Company Profile

Professional Manufactory

Facility & Equipment: modern factory with SMT, plug-in, assembling, testing lines; QC, electrical safety labs, high-low temperature aging room.

Standard & Certificate: ISO90001, QC080000, RoHS, CE, KNX, FCC.

Production Capacity (annually): TFT & display module 4.5M pcs, KNX device 300K pcs, video intercom device 400K pcs.

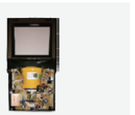




GVS - Milestones

In 1999

GVS was established.



In 2008

GVS became the first Chinese KNX member in China.



In 2011

First KNX Training Center in China was established by GVS.



In 2015

GVS became the FIRST native council member of KNX China.



In 2018

GVS became the first native company who chaired KNX CHINA.

In 2019

GVS entered the smart thermostat market by acquiring Vine Connected Corp.



In 2023

GVS successfully being listed in Beijing Stock Exchange.



In 2024

As a pioneering KNX member, GVS has the most certified KNX Secure products in China & the 6th worldwide.

In 2025

GVS become the rotating president of KNX China National Group.

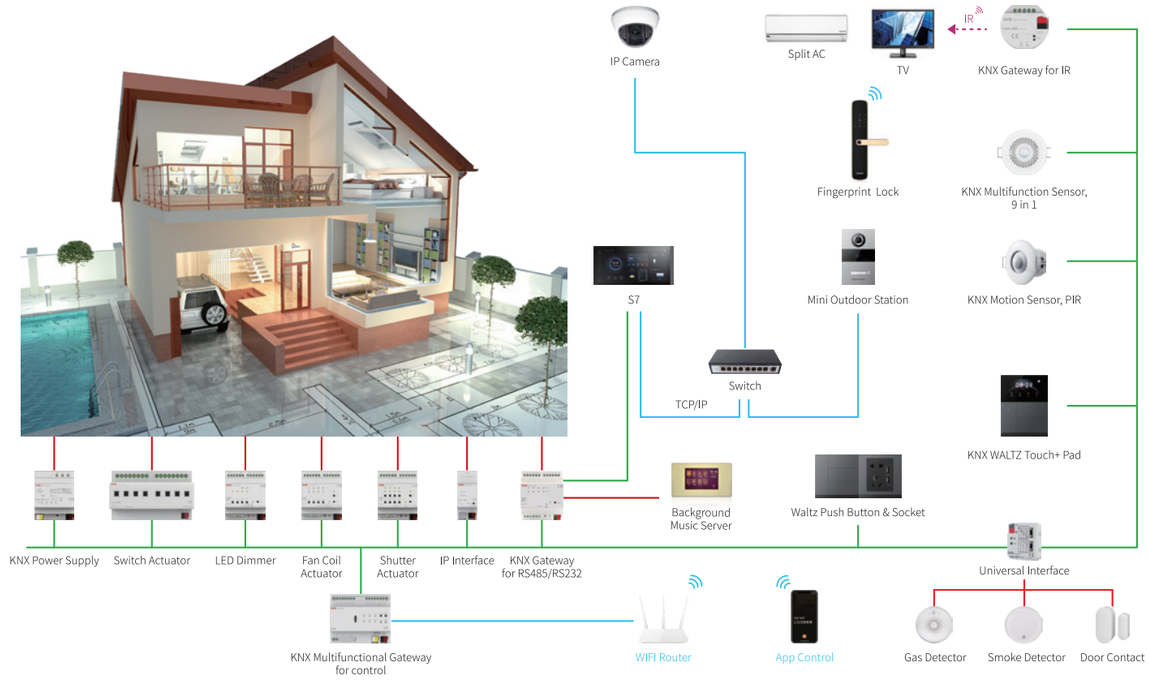
Product Series

KNX Home & Building Control System
P. 03 - P. 24

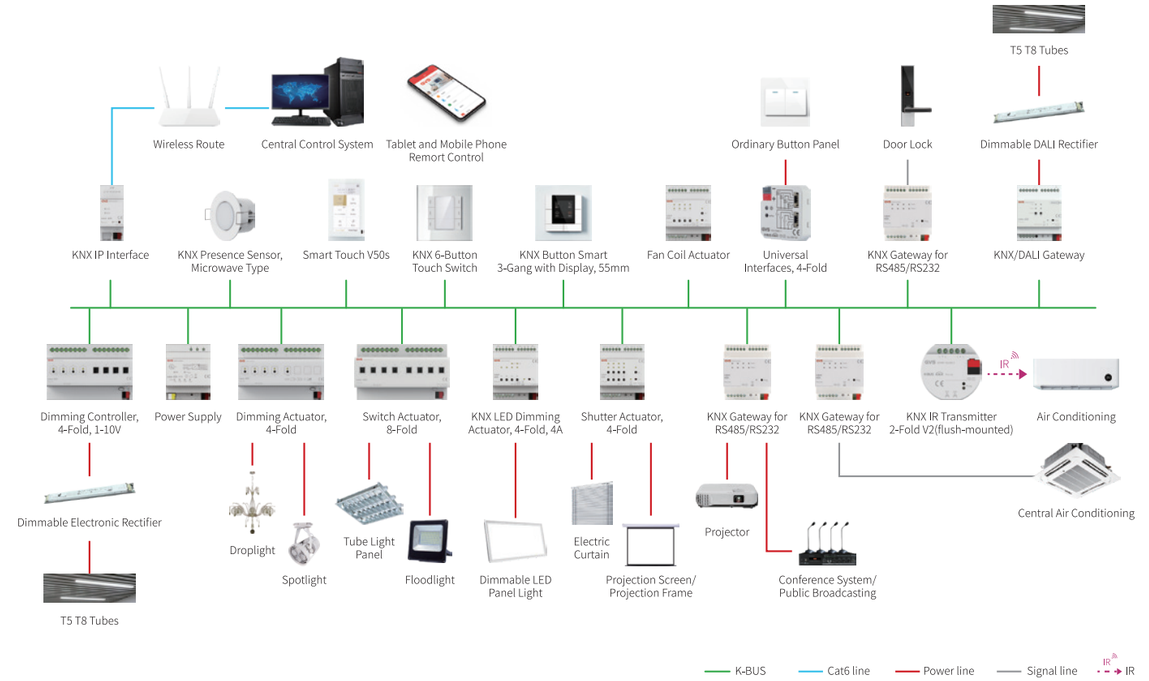


GVS - The Pioneer of KNX Secure

KNX Smart Home Solution



KNX Smart Office Solution





S13



S15

KNX Smart Touch S13 (KNX Secure)

CHTI-13.3/240.1.21(Black) CHTI-13.3/240.1.22(Silver) CHTI-13.3/240.1.23(Gray)

KNX Smart Touch S15 (KNX Secure)

CHTI-15.6/240.1.21(Black) CHTI-15.6/240.1.22(Silver) CHTI-15.6/240.1.23(Gray)

Function:

- 13.3 inch IPS screen for S13, 15.6 inch IPS screen for S15, with high resolution 1920*1080
- Full KNX Function with 3 device control mode including device view,area view and area plan view
- 240 KNX channels, with basic control functions including switch, dimming, blinds, value sender, color temperature, color control(RGB, RGBW, RGBCW), audio control, room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc.
- Support KNX gateway function, realize App remote control function
- 16 Schedules, 8 Scene Group functions, 8 Logic functions, 30 KNX scene functions, 24 Alarm functions, HCL
- Built-in temperature and humidity sensor, proximity sensor, brightness sensor
- Integrate with SIP intercom and cloud intercom
- Security monitoring and surveillance recording with access to IP CAM
- Voice message function and call transfer function
- Support KNX Secure and OTA



KNX Smart Touch S10 (KNX Secure)

CHTI-10.1/240.1.21(Black) CHTI-10.1/240.1.23(Gray) CHTI-10.1/240.1.22(Silver)

Function:

- 10.1" colored IPS touch screen, 1280*800 resolution
- Full KNX functions with list-view, room-view or map-view, full SIP intercom functions
- Support IP connection for app control, cloud intercom
- 16 timing, 8 group event, 8 logic, HCL, 24 alarm functions
- (120 advanced functions, 120 basic functions) including switch, dimming, shutter, scene control, value sending, RGB, RGBW, RGBCW, Color Temp. control, HVAC, AC, floor heating, ventilation, audio control(support song info), energy metering, air quality display etc
- Aesthetic design with aluminum faceplate
- Colored breathing light adjustable for color and brightness
- Built-in temperature, humidity sensor
- Support security monitoring and surveillance recording with access to IP CAM
- Support voice message function, call transfer functions
- Support KNX secure and OTA update
- Fits in 86*86mm, 80*80mm, German double-60mm wall boxes



Standard



Button Version



Knob Version

KNX Smart Touch S7 (KNX Secure)

CHTI-7.0/120.1.22(Silver) CHTI-7.0/120.1.23(Gray)

Button: CHKA-04/S7.1.2x, CHKA-04/S7.1.1x
Knob: CHRBC-04/S7.1.1x, CHRB-04/S7.1.1x

Function:

- 6.9 inch color IPS capacitive touch screen, resolution 1440*720
- Homepage support for function customization and building plan view programming
- 120 KNX channels, with basic control functions including switch, dimming, blinds, value sending, color temperature, color control(RGB, RGBW, RGBCW), room temperature control, air conditioner, ventilation system control, air quality and energy metering display, etc
- Support 16 weekly timer, 8 scene group functions, 8 logic functions
- 30 KNX scene functions
- Built-in temperature and humidity sensor, proximity sensor
- Support SIP intercom and cloud intercom, and app control
- Support security monitoring and surveillance recording with access to IP CAM
- Support voice message function, call transfer function
- Support defense zone setup for arm and disarm functions
- Support OTA upgrade
- Support sub-panel extension button or knob
- Support KNX Secure
- Can add devices from cloud for central control on S7
- Support Sonos audio control
- Support Google Assistant, Alexa voice control, Yandex Alice/Alisa voice control





Button Extension Knob Extension



KNX Smart Touch S4 (KNX/Standard Version)

KNX Version:
CHTF-4.0/80.x.2y (x=1, 8mm; x=2, 10.4mm; y=1, Black; y=2, Silver; y=3, Gray)

Standard Version:
CHTI-4.0/80.x.2y (x=1, 8mm; x=2, 10.4mm; y=1, Black; y=2, Silver; y=3, Gray)

Function:

- 4 inch IPS screen,with high resolution 480*480
- 80 KNX channels,with basic control functions including switch, dimming, blinds, value sender, color temperature, color control(RGB,RGBW,RGBCW), room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc.
- Support KNX gateway function and panel locking function
- 8 Schedules, 8 Scene Group functions, 8 Logic functions
- Built-in temperature and humidity sensor, proximity sensor, brightness sensor
- Security monitoring and surveillance recording with access to IP CAM(applied to standard version)
- Support SIP Intercom/App Server (applied to standard version)
- Support KNX Secure



KNX Smart Touch S3 (KNX Secure)

CHTF-3.3/3.2.1x
(x=0, White; x=1, Black; x=3, Gray; x=4, Gold)

Function:

- 3.3-inch color IPS capacitive touch screen, resolution 480*320
- The structure and appearance feature a plastic frame and a surface with a multi-touch panel and 3 physical buttons to control devices/scenes
- Supports SIP video intercom function and KNX smart home function
- Supports bluetooth environmental sensors connection
- Supports remote control and customizing scenes via mobile phone
- Built-in temperature, humidity and proximity sensor
- Automatically adjusts screen and button indicators brightness
- Support KNX Secure
- Support IP connection for app control, no cloud intercom

Termostat
Aydinlatma kontrol
perde
senaryolar



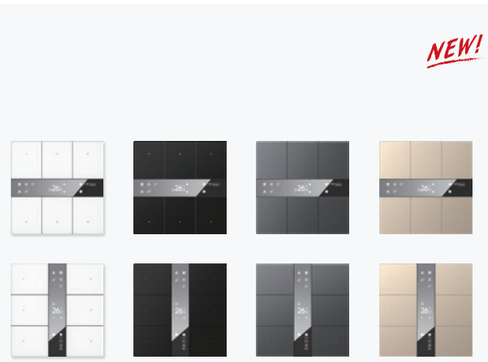
KNX S-series Push Button Sensor Display, 1/2/3-gang (KNX Secure)

Metal: CHPBD-02/12.x.1y, CHPBD-04/24.x.1y, CHPBD-06/36.x.1y
(x=1: Normal glass; x=2: Mirror glass)
(y=0: White; y=1: Black; y=3: Gray; y=4: Golden)

Function:

- 0.96" color LCD screen with 80*160 resolution, supporting text, icon, and text+icon display modes
- Built-in temperature sensor and proximity sensor
- Supports KNX functions including switching, dimming, shutter control, scene calling, and value sending
- Supports lighting control includes RGB, RGBW, and color temperature adjustment
- Supports shift register control, multiple operation modes, and delay mode
- Supports up to 8 group events and 8 logic functions for smart automation
- Supports KNX Secure

Termostat
Aydinlatma kontrol
perde
senaryolar



KNX S-series Multifunctional Thermostat, 6 Buttons

CHMTB-06/S.x.1y
(x=1: Normal glass; x=2: Mirror glass; y=0: White; y=1: Black; y=3: Gray; y=4: Golden)

Function:

- 0.85 inch colour LCD, display area resolution 128*80
- Support vertical or horizontal display via ETS
- Screen saver and panel locking function
- Screen brightness adjustment and RGB LED indication function
- Built-in temperature sensor, proximity sensor
- 8 Logic functions, with AND, OR, XOR, Gate forwarding, Threshold comparator, Format convert, Gate function, Delay function and Staircase lighting
- 8 Scene group functions, and 8 outputs for per Scene Group
- Multifunction thermostat: Room temperature control function(Select FCU control or VRF control), Floor heating and Ventilation function. Each with 5 scenes, all can be set to function lock.
- Audio control: used to control background music playing, such as: power on/off, play/pause, previous track/next track, volume increase/decrease, mute, play mode, track/artist/album name display, etc.
- Support the KNX Data Secure

Socket & Accessories



S Series Socket-UK
CHSOB-01/13.3.11



S Series Socket-EN
CHSOE-01/16.3.11



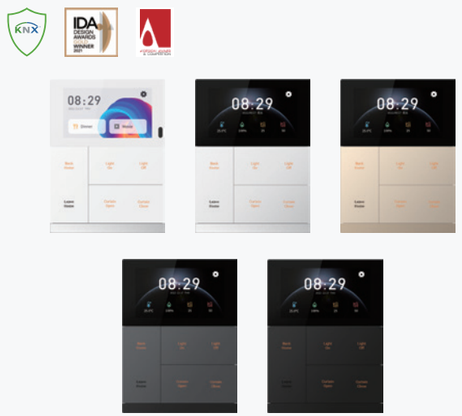
Socket
CHSAC-04/10.3.11



Network Socket
CHNT-02/00.3.11



Emergency Button
CHEK-01/00.3.11



KNX Waltz Touch+ Pad (KNX Secure)

Plastic: CHTFB-3.0/6.S.00(White)
CHTFB-3.0/6.S.01(Black)
CHTFB-3.0/6.S.02(Silver)
CHTFB-3.0/6.S.03(Gray)
CHTFB-3.0/6.S.04(Gold)

Metal: CHTFB-3.0/6.S.20(White)
CHTFB-3.0/6.S.21(Black)
CHTFB-3.0/6.S.22(Silver)
CHTFB-3.0/6.S.23(Gray)
CHTFB-3.0/6.S.24(Gold)

Function:

- Elegant design mixed with IPS capacitive touch panel & mechanical button
- Aluminum frame and replaceable buttons(plastic/aluminum)
- Synchronized animation effects on display when buttons pressed
- Push Buttons adjustable for 1 or 2 button operation
- Built-in temperature sensor, RGB status LED indication
- Adjustable for button push length, NO or NC contact operation
- Short/long operation for KNX functions of lighting, scene control, shutter etc
- Supporting ring included for installation, integrated bus coupling unit
- 3 years' warranty, 5 classic colors available
- Support KNX Secure



KNX Waltz Push Button Sensor
(KNX Secure)

Metal: CHPB-02/02.S.2x(1-Gang)
CHPB-04/02.S.2x(2-Gang)
CHPB-06/02.S.2x(3-Gang)
CHPB-08/02.S.2x(4-Gang)
x=0, White; x=1, Black; x=2, Silver; x=3, Gray; x=4, Gold

Function:

- Latest elegant KNX push buttons for WALTZ Series
- Push Buttons adjustable for 1 or 2 button operation
- Aluminum frame and replacable aluminum button
- Built-in temperature sensor, with LED indication
- Adjustable for button push length, NO or NC contact operation
- Short/long operation for KNX functions of lighting, scene control, shutter etc
- Supporting ring included for installation, integrated bus coupling unit
- 3 years' warranty, 5 classic colors available
- Support KNX Secure

Socket & Accessories





Classic Black

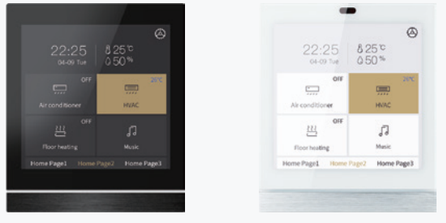
Celestial Silver

KNX Smart Touch V50s

CHTF-5.0/15.5.21 CHTF-5.0/15.5.22

Function:

- Standard KNX Touch Panel with database & certificate
- 5" colored capacitive IPS touch screen, resolution 480*854
- Up to 2 home pages and 15 function pages can be configured
- 16 time functions, 8 event group functions, 8 logic functions
- Password protection and customized screensaver
- Support switching, dimming, shutter control, HVAC control etc
- Built-in temperature and proximity sensor
- Available with two colors silver & black, two types vertical & horizontal
- Supporting ring included for installation, perfectly fits 60mm/86mm wallbox and US wallbox



Classic Black

Celestial Silver

KNX Smart Touch V40s

CHTF-4.0/9.5.21 CHTF-4.0/9.5.22

Function:

- Standard KNX Touch Panel with database & certificate
- 4" colored capacitive IPS touch screen, resolution 480*480
- Support 9 function pages
- 16 time functions, 8 event group functions, 8 logic functions
- Password protection and customized screensaver
- Support switching, dimming, shutter control, HVAC control etc.
- Built-in temperature and proximity sensor
- Available with two colors silver & black
- Supporting ring included for installation which fits 60mm/86mm wallbox



KNX Glass Sensor GS3 (Standard/Pro Version)

CHTBD-06/x.2.1y
(x=3, Standard version; x=5, Pro version; y=0, White; y=1, Black; y=3, Gray; y=4, Silver)

Function:

- Support multi-language display
- Individual button support Switch, Dimming, RGB, RGBW, Colour temperature control, Value sender, Scene, Blind, Shift register, Multiple operation, Delay mode, Status display((Standard: 3 control pages / Pro: 5 control pages).
- Rocker button only support Switch, Dimming, Scene, Blind, Setpoint adjustment
- Support slap operation of Switch and Scene; Enter cleaning mode via combine operation
- Display the function and status of buttons, optional with icon, text, status value etc.
- Support status LED indication for button function
- Brightness adjustment for page switchover and screen backlight: Auto/Manual
- Panel lock, Screen saver, Alarm function, Colorful strip function(Apply to pro version), Touch tone setting
- Support three sensitivity level of proximity setting, Built-in temperature/humidity sensor

Sockets & Accessories

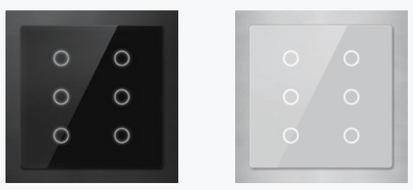


KNX Touch Button Slim, 2/4/6-Button

CHTB-02/01.2.2x(2-Button), CHTB-04/01.2.2x(4-Button), CHTB-06/01.2.2x(6-Button)
(x=1, Black; x=2, Silver)

Function:

- Switching and dimming
- Control of blinds and shutters
- Sending of values, e.g. water line, brightness
- Recall and storage scene
- Bi-LED indication
- Glass touch control

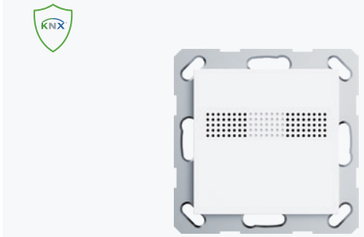


KNX CO_2/Temp/Humidity Sensor, 55mm (KNX Secure)

CHAQ-03/55.2.00

Function:

- 100% fits 55mm systems:
  - GIRA Standard 55, E2, E22, Esprit
  - Jung Aplus, Acreation, A500, AS50
  - MERTEN 1M, M-Pure, M-Smart
  - BERKER B3, B7, S1
- Built-in CO_2 & temperature & humidity sensor
- 2 external inputs of dry contact or NTC temperature detection
- Support control modes: heating/cooling, with 2/4-pipe system
- HVAC operation modes: comfort, standby, economy, protection
- Temperature logic algorithm supports 2-point and PI control
- Air quality level function: humidity control(4 levels), CO_2 level output(4 levels)
- Air quality controller: humidity control(step), CO_2 level output(step & PI)
- Support alarm function
- Support KNX Secure





KNX Push Button Sensor with Display, 55mm, 1/2/3/4-gang (KNX Secure)

CHPBD-06/55.1.0y, CHPBD-08/55.1.0y; CHPBD-06/55.2.00, CHPBD-08/55.2.00;
CHKAM-0x/55.1.0y Matt, CHKAG-0x/55.1.0y Glossy
(x=2, 1-gang; x=4, 2-gang; x=6, 3-gang; x=8, 4-gang)
(y=0, White; y=1, Black)

Function:

- Individual/linked button functions for all kinds of typical KNX functions
- 1.9" LCD Display with 1/2/3/4 gang push buttons, easy label customization
- Room temperature controller, support heating, cooling mode and HVAC mode
- Advanced functions of panel lock, screen saver, alarm, logic, scene group, slap function
- Built-in temperature, humidity and proximity sensors and 2 folds input (Binary/NTC Temp.sensor)

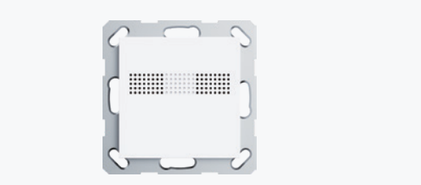
KNX Push Button Sensor with LCD, 55mm (KNX Secure)

CHPBL-03/00.1.00 CHPBL-03/00.2.00 CHPBL-03/00.2.01

Function:

- 100% fits 55mm systems:
  - GIRA Standard 55, E2, E22, Esprit
  - Jung Aplus, Acreation, A500, AS50
  - MERTEN 1M, M-Pure, M-Smart
  - BERKER B3, B7, S1
- Support KNX Secure
- LCD Display, resolution 240*240
- Built-in temperature & humidity sensor, 2-fold input interfaces
- Option 1: Push Button(3 pages, 4 icons/page) for all KNX functions
- Option 2: Thermostatic pages, AC(FCU, VRF), floor heating and ventilation
- Option 3: Background music pages: author/album/song display





KNX Thermostat Lite, 55mm (KNX Secure)

CHTL-02/00.2.00

Function:

- Built-in temperature and humidity sensor
- Control modes: heating/cooling, with 2/4-pipe system
- HVAC operation modes: comfort, standby, economy, protection
- Temperature logic algorithm supports 2-point and PI control
- Support 2 external inputs of dry contact or NTC temperature detection
- Support KNX Secure

GVS Touch Screen Selection Table

		V40s	V50s	S3	S4(KNX Version)	S4(Standard Version)	S7	S10	S13	S15							
																	
Screen Size		4"	5"	3.3"	4"	4"	6.9"	10.1"	13.3"	15.6"							
Resolution		480*480	480*854	480*320	480*480	480*480	1440*720	1280*800	1920*1080	1920*1080							
Operation System		Linux	Linux	Linux	Linux	Linux	Android	Android	Android	Android							
Cloud Intercom		×	×	×	×	√	√	√	√	√							
SIP Intercom		×	×	√	×	√	√	√	√	√							
App Server		×	×	√	×	√	√	√	√	√							
Temp. Sensor		√	√	√	√	√	√	√	√	√							
Humidity Sensor		×	×	√	√	√	√	√	√	√							
Proximity Sensor		√	√	√	√	√	√	√	√	√							
Thermostatic Control		√	√	√	√	√	√	√	√	√							
KNX Channels/Page		9 pages/ 8 icons per page	15 pages /8 icons per page	6 pages/ 6 icons per page	80 channels	80 channels	120 channels	240 channels	240 channels	240 channels							
Dimension(mm)		86*101.3*32.2	86*148.8*32.5	86*86*35.6	86*86*33.2	86*86*33.2	180*86*36	248*154.6*34.4	328*189.3*35.5	380.6*220.6*35.5							
Wall Box		CN 86×86mm UK 70×70mm German round Ø68mm US/Swiss/Australian standard		CN 86×86mm UK 70×70mm German round Ø68mm Swiss standard			CN 86×86mm UK 70×70mm German round Ø68mm US/Swiss standard	CN 86×86mm UK 70×70mm German twin Ø68mm									
KNX Secure		×	×	√	√	√	√	√	√	√							



KNX Presence Sensor, Microwave (KNX Secure)

CSBPM-04/00.1.00, CSBPM-04/00.1.01, CSBPM-04/00.2.01

Function:

- Detections of normal movement, tiny movement and static presence, with 24GHz millimetres wave technology
- Internal brightness sensor (Full Black Not Support), and control the light via brightness threshold and also control logically with motion signal
- Sensitivity is configurable and can be adjusted by day/night
- Internal temperature and humidity sensors
- Constant lighting control
- RTC controller functions
- Logic functions and scene group functions
- Support KNX Secure
- Support ceiling, surface mounted installation

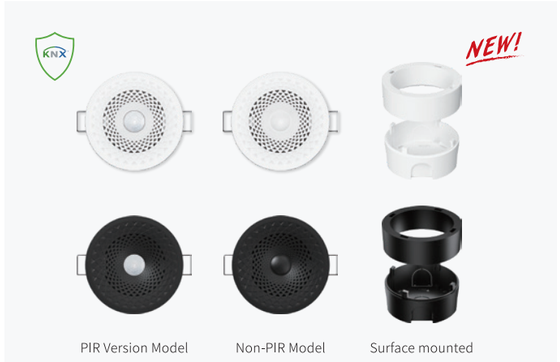


KNX Motion Sensor, PIR (KNX Secure)

CSBP-04/00.1.00, CSBP-04/00.1.01, CSBP-04/00.2.01

Function:

- Detection of movement, with ordinary pyroelectric infrared technology
- Internal brightness sensor (Full Black Not Support), and control the light via brightness threshold and also control logically with motion signal
- Internal temperature and humidity sensors
- Constant lighting control
- RTC controller functions
- Logic functions and scene group functions
- Support KNX Secure
- Support ceiling, wall and surface mounted installation



KNX Multifunction Sensor, 9 in 1 (KNX Secure)

CSMS-04/00.1.0x, CSMS-05/00.1.0x, CSMS-06/00.1.0x, CSMS-09/00.1.0x
(x=0, White; x=1, Black)
CSMS-04/00.1.0x, Temperature+Humidity+PM2.5+PM10
CSMS-05/00.1.0x, Temperature+Humidity+PM2.5+PM10+CO_2
CSMS-06/00.1.0x, Temperature+Humidity+PM2.5+PM10+CO_2+TVOC
CSMS-09/00.1.0x, Temperature+Humidity+PM2.5+PM10+CO_2+TVOC+formaldehyde +PIR Motion+Brightness

Function:

- Detect PIR motion, Brightness, Temperature, Humidity, PM2.5, PM10, CO_2, TVOC, formaldehyde and able to output AQI
- Send alarm value, when the temperature, humidity, CO_2, PM2.5, PM10, TVOC, formaldehyde, AQI detection data exceeds the threshold
- Support AQI, CO_2, relative humidity, PM2.5, PM10, TVOC, formaldehyde level control
- Support constant lighting control
- RTC Controller Functions
- Relative humidity/Ventilation/CO_2 control
- Logic functions and scene group functions
- Support the KNX Data Secure
- Support ceiling and surface mounted installation



KNX/DALI-2 Gateway, 1/2-Fold (KNX Secure)

BTDG-01/64.2 BTDG-02/64.2

Function:

- DALI telegram broadcast function
- Fault detection of lamps and ballasts of DALI devices
- For each fold, Max.64 DALI devices can be controlled, including switch, dimming, brightness, color and color temperature control
- Support multiple DALI-2 device types, such as DT6, DT8 colour control type including RGB Colour, RGBW Colour, XY Colour, Colour Temperature
- Support group control. 16 different groups for each channel by DCA App
- Support scene control. 16 different DALI scenes for each channel by DCA App
- Support operation mode: normal mode, normal/night mode, staircase mode, permanent mode, burn in mode
- 8 behaviour templates for group
- Send or response various status, such as switch, brightness, operation hours etc
- Monitoring DALI bus voltage, DALI bus current and DALI bus short circuit status
- Support the KNX Data Secure
- Support emergency lighting, connecting with DALI sensors



KNX Line Coupler

BNLC-00/00.3

Function:

- As a KNX line coupler, it connects main line to backbone line, or line to main line
- As a KNX line repeater, it extends the length of bus line and the number of KNX devices



KNX IP Router (KNX Secure)

BNIPR-00/00.S

Function:

- Support 4 client connections
- Support KNXnet/IP, ARP, ICMP, IGMP, HTTP, UPnP, UDP/IP, TCP/IP, DHCP and Auto IP
- Can be used as line/backbone coupler to couple ethernet and KNX-TP lines
- Support filter table routing function
- Can be used as the programming interface
- Support KNX Secure



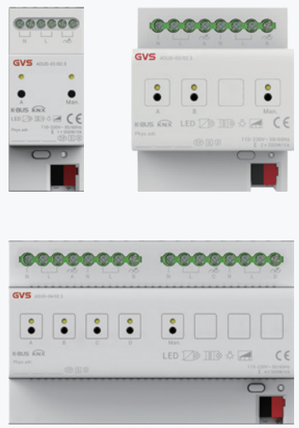
KNX Power Supply, 640mA

BBPS-02/640.1

Function:

- Input voltage: 100V ~240 Vac, 47~63Hz
- Sustained short-circuit current: < 1.4 A
- Rated current: 640mA, short-circuit-proof
- 1-fold KNX output
- 1-fold Auxiliary voltage output
- Output staus display
- Reset the KNX output
- Over temperature protection
- Current consumption level indication

KNX Home & Building Control System

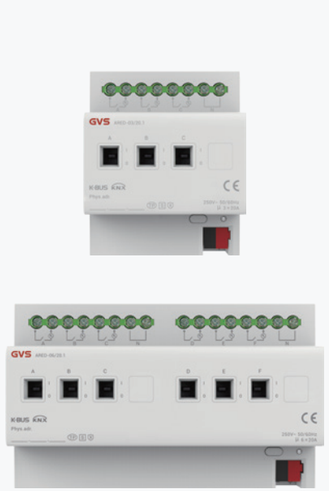


KNX Universal Dimming Actuator 1/2/4-Fold (KNX Secure)

ADUD-01/02.3 ADUD-02/02.3 ADUD-04/02.3

Function:

- Max. load 300W, leading/trailing edge phase dimming control
- Un rated voltage 110~230V AC, 50-60Hz
- Relative & absolute dimming, status response, scene control(16 folds), staircase lighting function, flashing switch, delay switch, safety function
- 8 logic function
- Dimming curve adjustment(6 options + 1 Customization) in ETS
- Manual operation and Output indication function
- Operating hours counter function
- High compatibility: Leading & Trailing edge, wide range of Lighting types & brands
- High flexibility: 6 dimming curves & can be customized in different brightness range
- High reliability: driving components modular design, hardware detection & protection mechanism
- Advanced functions: Additional startup, Reset behaviour, Max. 16 Scenes, operating hours counting, logic, forced and safety operation etc
- Support KNX Secure



KNX Switch Actuator with Energy Detection, 3/6-Fold (KNX Secure)

ARED-03/20.1 ARED-06/20.1

Function:

- 20A high-current magnetic relay per channel
- Supports current, voltage, power, energy, frequency, and power factor measurement
- Support KNX switching, status feedback, scene control, timer, stair lighting, logic, threshold, forced, and safety functions

M+O Smart Home Solution

KNX

M AIN

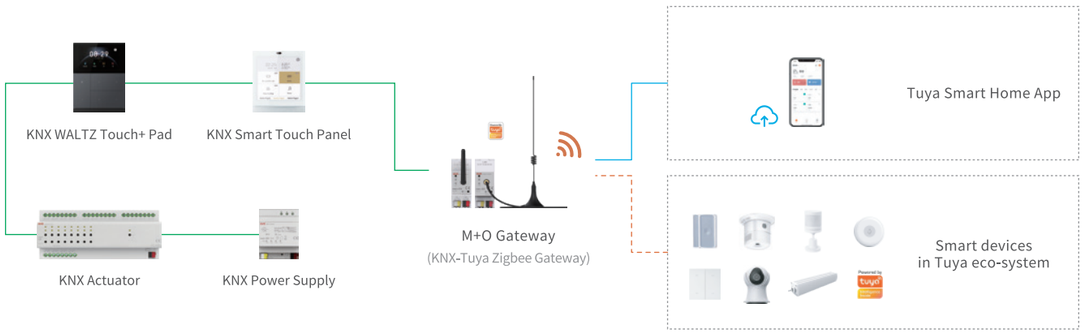
STABLE | OPEN | COMPATIBLE

+

ZigBee 3.0

O PTIONAL

EXTENDABLE | FLEXIBLE | DIY-FRIENDLY



KNX Gateway for Tuya ZigBee, Premium

BTMO-TY/00.3 BTMO-TY/00.4 (Zigbee ↔ KNX)

Function:

KNX/Tuya-Zigbee3.0 Gateway is an innovative device which coupling KNX and Tuya Zigbee system. By easy programming, you can realize controlling KNX devices from Tuya App, and uploading status information of KNX devices to Tuya platform, hence monitor and manage the devices conveniently.
Supports bidirectional communication & control between KNX and Tuya/Zigbee.

- Work as a Tuya/Zigbee Gateway to connect to Tuya Cloud and add Tuya device.
- Upload KNX devices to Tuya platform to control and display status.
- Support KNX functions: switching, dimming, curtain, scene, AC control, background music, air quality and energy metering display etc.
- Logic functions.
- Support bidirectional communication between Zigbee and KNX device.



Product List

Picture	Name / Model	Installation / Dimension	Function
NEW! 	**KNX Smart Touch S15 (KNX Secure)** CHTI-15.6/240.1.21(Black) CHTI-15.6/240.1.22(Silver) CHTI-15.6/240.1.23(Gray)	380×220.6×35.5mm	15.6 inch IPS screen, with high resolution 1920*1080 Full KNX Function with 3 device control mode including device view,area view and area plan view 240 KNX channels, with basic control functions including switch, dimming, blinds, value sender, color temperature, color control(RGB, RGBW, RGBCW), audio control, room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc. Support KNX gateway function, realize App remote control function 16 Schedules, 8 Scene Group functions, 8 Logic functions, 30 KNX scene functions, 24 Alarm functions, HCL Built-in temperature and humidity sensor, proximity sensor, brightness sensor Integrate with SIP intercom and cloud intercom Security monitoring and surveillance recording with access to IP CAM Voice message function and call transfer function Support KNX Secure and OTA
NEW! 	**KNX Smart Touch S13 (KNX Secure)** CHTI-13.3/240.1.21(Black) CHTI-13.3/240.1.22(Silver) CHTI-13.3/240.1.23(Gray)	328×189.3×35.5mm	13.3 inch IPS screen, with high resolution 1920*1080 Full KNX Function with 3 device control mode including device view,area view and area plan view 240 KNX channels, with basic control functions including switch, dimming, blinds, value sender, color temperature, color control(RGB, RGBW, RGBCW), audio control, room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc. Support KNX gateway function, realize App remote control function 16 Schedules, 8 Scene Group functions, 8 Logic functions, 30 KNX scene functions, 24 Alarm functions, HCL Built-in temperature and humidity sensor, proximity sensor, brightness sensor Integrate with SIP intercom and cloud intercom Security monitoring and surveillance recording with access to IP CAM Voice message function and call transfer function Support KNX Secure and OTA
	**KNX Smart Touch S10 (KNX Secure)** CHTI-10.1/240.1.21(Black) CHTI-10.1/240.1.23(Gray) CHTI-10.1/240.1.22(Silver)	248×154.6×34.4mm	10.1" colored IPS touch screen, 1280*800 resolution Support IP connection for app control, cloud intercom 16 timing, 8 group event, 8 logic, HCL, 24 alarm functions 240 KNX channels of including switch, dimming, shutter, scene control, value sending, RGB, RGBW, RGBCW, Color Temp. control, HVAC, AC, floor heating, ventilation, audio control (support song info), energy metering, air quality display etc. Support security monitoring and surveillance recording with access to IP CAM Support KNX secure and OTA update
	**KNX Smart Touch S7 (KNX Secure)** CHTI-7.0/120.1.22(Silver) CHTI-7.0/120.1.23(Gray)	180×86×11.8mm	6.9 inch color IPS capacitive touch screen, resolution 1440*720 Homepage support for function customization and building plan view programming 120 KNX functions, 30 KNX scene functions, with full KNX controls of switching, dimming, scene, shutter, AC, audio and air quality and energy metering display etc. Supports 16 Weekly timer, 8 scene group functions, 8 logic functions, HCL, Alarm Function Support sub-panel extension button or knob Support SIP video intercom, built-in app server for app control, cloud intercom Support the KNX Secure Support central control by synchronizing the devices from the could Support Google Assistant, Alexa voice control, Yandex Alice/Alisa voice control
NEW! 	**KNX Smart Touch S4 (KNX/Standard Version)** KNX Version: CHTF-4.0/80.x.2y (x=1, 8mm; x=2, 10.4mm; y=1, Black; y=2, Silver; y=3, Gray) Standard Version: CHTI-4.0/80.x.2y (x=1, 8mm; x=2, 10.4mm; y=1, Black; y=2, Silver; y=3, Gray)	86×86×33.2mm	4 inch IPS screen,with high resolution 480*480 80 KNX channels,with basic control functions including switch, dimming, blinds, value sender, color temperature, color control(RGB,RGBW,RGBCW), room temperature control, Air conditioner, Ventilation System control, Air quality and Energy Metering display, etc. Support KNX gateway function and panel locking function 8 Schedules, 8 Scene Group functions, 8 Logic functions Built-in temperature and humidity sensor, proximity sensor, brightness sensor Security monitoring and surveillance recording with access to IP CAM(applied to standard version) Support SIP Intercom/App Server(applied to standard version) Support KNX Secure
	**KNX Smart Touch S3 (KNX Secure)** CHTF-3.3/3.2.1x (x=0, White; x=1, Black; x=3, Gray; x=4, Gold)	86×86×10.4mm	3.3-inch color IPS capacitive touch screen, resolution 480*320 The structure and appearance feature a plastic frame and a surface with a multi-touch panel and 3 physical buttons to control devices/scenes. Supports SIP video intercom function Supports bluetooth environmental sensors connection Supports remote control and customizing scenes via mobile phone Built-in temperature and humidity sensor, proximity sensor Automatically adjusts screen and button indicators brightness Support the KNX Secure Support IP connection for app control, no cloud intercom

Product List

Picture	Name / Model	Installation / Dimension	Function

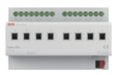
NEW! 	**KNX Glass Sensor GS3 (Standard/Pro Version)**
	CHTBD-06/x.2.1y
	(x=3, Standard version;
	x=5, Pro version;
	y=0, White; y=1, Black;
	y=3, Gray; y=4, Silver)
		92×92×35.6mm	Support multi-language display
			Individual button support Switch, Dimming, RGB, RGBW, Colour temperature control, Value sender, Scene, Blind, Shift register, Multiple operation, Delay mode, Status display(Standard: 3 control pages / Pro: 5 control pages).
			Rocker button only support Switch, Dimming, Scene, Blind, Setpoint adjustment
			Support slap operation of Switch and Scene; Enter cleaning mode via combine operation
			Display the function and status of buttons, optional with icon, text, status value etc.
			Support status LED indication for button function
			Brightness adjustment for page switchover and screen backlight: Auto/Manual
			Panel lock, Screen saver, Alarm function, Colorful strip function(Apply to pro version), Touch tone setting
			Support three sensitivity level of proximity setting, Built-in temperature/humidity sensor

NEW! 	**KNX S-series Multifunctional Thermostat, 6 Buttons** CHMTB-06/S.x.1y (x=1: Normal glass; x=2: Mirror glass; y=0: White; y=1: Black; y=3: Gray; y=4: Golden)	86×86×35.6mm	0.85 inch colour LCD, display area resolution 128*80 Support vertical or horizontal display via ETS Screen saver and panel locking function Screen brightness adjustment and RGB LED indication function Built-in temperature sensor, proximity sensor 8 Logic functions, with AND, OR, XOR, Gate forwarding, Threshold comparator, Format convert, Gate function, Delay function and Staircase lighting 8 Scene group functions, and 8 outputs for per Scene Group Multifunction thermostat: Room temperature control function(Select FCU control or VRF control), Floor heating and Ventilation function. Each with 5 scenes, all can be set to function lock. Audio control: used to control background music playing, such as: power on/off, play/pause, previous track/next track, volume increase/decrease, mute, play mode, track/artist/album name display, etc. Support the KNX Data Secure
NEW! 	**KNX S-series Push Button Sensor Display, 1/2/3-gang (KNX Secure)** Metal: CHPBD-02/12.x.1y CHPBD-04/24.x.1y CHPBD-06/36.x.1y (x=1, Normal glass; x=2, Mirror glass) (y=0, White; y=1, Black; y=3: Gray; y=4: Golden)	86×86×10.4mm	0.96" color LCD screen with 80*160 resolution, supporting text, icon, and text+icon display modes. Built-in temperature sensor and proximity sensor Supports KNX functions including switching, dimming, shutter control, scene calling, and value sending. Supports lighting control includes RGB, RGBW, and color temperature adjustment Supports shift register control, multiple operation modes, and delay mode Supports up to 8 group events and 8 logic functions for smart automation Supports KNX Secure
	**KNX Waltz+ Touch Pad (KNX Secure)** Plastic: CHTFB-3.0/6.S.00(White) CHTFB-3.0/6.S.01(Black) CHTFB-3.0/6.S.02(Silver) CHTFB-3.0/6.S.03(Gray) CHTFB-3.0/6.S.04(Gold) Metal: CHTFB-3.0/6.S.20(White) CHTFB-3.0/6.S.21(Black) CHTFB-3.0/6.S.22(Silver) CHTFB-3.0/6.S.23(Gray) CHTFB-3.0/6.S.24(Gold)	86×115×34.7mm	IPS capacitive touch panel & mechanical button, resolution 854*480 Aluminum frame and replaceable buttons(plastic/aluminum) Push Buttons adjustable for 1 or 2 button operation Built-in temperature sensor, RGB status LED indication Adjustable for button push length, NO or NC contact operation Short/long operation for KNX functions of lighting, scene control, shutter etc 3 years' warranty, 5 classic colors available Support KNX Secure
	**KNX Waltz Push Button Sensor (KNX Secure)** CHPB-02/02.S.2x(1-Gang) CHPB-04/02.S.2x(2-Gang) CHPB-06/02.S.2x(3-Gang) CHPB-08/02.S.2x(4-Gang) (x=0, White; x=1, Black; x=2, Silver; x=3, Gray; x=4, Gold)	86×86×33mm	Latest elegant KNX push buttons for WALTZ Series Push Buttons adjustable for 1 or 2 button operation Aluminum frame and replacable aluminum button Built-in temperature sensor, with LED indication Adjustable for button push length, NO or NC contact operation Short/long operation for KNX functions of lighting, scene control, shutter etc Supporting ring included for installation, integrated bus coupling unit 3 years' warranty, 5 classic colors available Support KNX Secure
	**KNX Smart Touch V50s** CHTF-5.0/15.5.21(Black) CHTF-5.0/15.5.22(White)	86×148.8×32.5mm 148.8×86×32.5mm	Standard KNX device with database & certificate 5" color capacitive IPS touch screen, resolution 480*854 16 time functions, 8 event group functions, 8 logic functions Password protection and customized screensaver Support switching, dimming, shutter control, HVAC control and other main KNX functions, built-in temperature proximity sensor. Supporting ring included for installation, fits 60mm/86mm wallbox

Product List

Picture	Name / Model	Installation / Dimension	Function
	**KNX Smart Touch V40s** CHTF-4.0/9.5.21(Black) CHTF-4.0/9.5.22(White)	86×101.3×32.2mm	Standard KNX Touch Panel with database & certificate 4" color capacitive IPS touch screen, resolution 480*480 16 time functions, 8 event group functions, 8 logic functions Password protection and customized screensaver Support switching, dimming, shutter control, HVAC control and other main KNX functions, built-in temperature humidity, proximity sensor. Supporting ring included for installation, perfectly fits 60mm/86mm wallbox
	**KNX Touch Button Slim, 2/4/6-Button** CHTB-02/01.2.2x, CHTB-04/01.2.2x, CHTB-06/01.2.2x (x=1, Black; x=2, Silver)	86×86×8.9mm	Switching and dimming Control of blinds and shutters Sending of values, e.g. water line, brightness Recall and storage scene Bi-LED indication Glass touch control
	**KNX CO_2/Temp/Humidity Sensor, 55mm (KNX Secure)** CHAQ-03/55.2.00	70.8×70.8×19.3mm	Built-in CO_2 & temperature & humidity sensor 2 external inputs of dry contact or NTC temperature detection Support control modes: heating/colling, with 2/4-pipe system HVAC operation modes: comfort, standby, economy, protection Temperature logic algorithm supports 2-point and PI control Air quality level function: humidity control(4 levels), CO_2 level output(4 levels) Air quality controller: humidity control(step), CO_2 level output(step & PI) Support alarm function Support KNX Secure
	**KNX Push Button Sensor with LCD, 55mm (KNX Secure)** White shiny: CHPBL-03/00.1.00 White matt: CHPBL-03/00.2.00 Black matt: CHPBL-03/00.2.01	55.3×55.3×19.3mm	LCD Display, resolution 240*240 Built-in temperature & humidity sensor, 2-fold input interfaces Option 1: Push Button(3 pages, 4 object/p) for all KNX functions Option 2: Thermostatic pages, AC(FCU, VRF), floor heating and ventilation Option 3: Background music pages: author/album/song display Support KNX Secure
	**KNX Thermostat Lite, 55mm (KNX Secure)** CHTL-02/00.2.00	55.3×55.3×19.3mm	Built-in temperature and humidity sensor Control modes: heating/cooling, with 2/4-pipe system HVAC operation modes: comfort, standby, economy, protection Temperature logic algorithm supports 2-point and PI control Support 2 external inputs of dry contact or NTC temperature detection Support the KNX Secure
NEW! 	**KNX Push Button Sensor with Display, 55mm, 1/2/3/4-gang** CHPBD-06/55.1.0y, CHPBD-08/55.1.0y CHKAM-0x/55.1.0y Matt, CHKAG-0x/55.1.0y Glossy (x=2,1-gang; x=4,2-gang; x=6,3-gang; x=8,4-gang) (y=0,White; y=1,Black)	55.4×55.4×20.8mm	Individual/linked button functions for all kinds of typical KNX functions 1.9" LCD Display with 1/2/3/4 gang push buttons, easy label customization Room temperature controller, support heating, cooling mode and HVAC mode Advanced functions of panel lock, screen saver, alarm, logic, scene group, slap function Built-in temperature, humidity and proximity sensors and 2 folds input (Binary/NTC Temp.sensor).
	KNX Push Button Sensor Plus, 55mm, 12/3/4-Gang CHPLE-02/02.x.0y, CHPLE-04/02.x.0y CHPLE-06/02.x.0y, CHPLE-08/02.x.0y (x =1,2; y=0,1)	55.4×55.4×18.7mm	Switching and dimming Shutter control Value sending RGB and RGBW dimming Built-in Temperature sensor Logic functions Event Group function Matt and shiny finish LED indication, label instruction White and black available
NEW! 	**KNX Multifunction Sensor, 9 in 1** CSMS-04/00.1.0x CSMS-05/00.1.0x CSMS-06/00.1.0x CSMS-09/00.1.0x (x=0, White; x=1, Black)	95×95×52.2mm	Detect PIR motion, Brightness, Temperature, Humidity, PM2.5, PM10, CO_2, TVOC, formaldehyde and able to output AQI. Send alarm value, when the temperature, humidity, CO_2, PM2.5, PM10, TVOC, formaldehyde, AQI detection data exceeds the threshold. Support AQI, CO_2, relative humidity, PM2.5, PM10, TVOC, formaldehyde level control Support constant lighting control RTC Controller Functions Relative humidity/Ventilation/CO_2 control Logic functions and scene group functions Support the KNX Data Secure Support ceiling and surface mounted installation

Product List

Picture	Name / Model	Installation / Dimension	Function
NEW! 	**KNX Presence Sensor, Microwave (KNX Secure)** CSBPM-04/00.1.00 CSBPM-04/00.1.01 CSBPM-04/00.2.01	Ceiling-Mounted ϕ65×38mm	Detections of normal movement, tiny movement and static presence, with 24GHz millimetres wave technology. Sensitivity is configurable and can be adjusted by day/night Internal temperature and humidity sensors Constant lighting control RTC controller functions Logic functions and scene group functions Internal brightness sensor (Full black color not support) Support KNX Secure
NEW! 	**KNX Motion Sensor, PIR (KNX Secure)** CSBP-04/00.1.00 CSBP-04/00.1.01 CSBP-04/00.2.01	Ceiling-Mounted Wall-mounted ϕ70×51.5mm (Round) 86×86×51.5mm (Square)	Detection of movement, with ordinary pyroelectric infrared technology Internal brightness sensor, and control the light via brightness threshold and also control logically with motion signal. Internal temperature and humidity sensors Constant lighting control RTC controller functions Logic functions and scene group functions Support KNX Secure Support both ceiling and wall-box mounting Internal brightness sensor (Full black color not support)
NEW! 	**KNX Dual Presence Sensor, PIR & Ultrasonic** CSBPU-04/00.1.00	Wall-mounted ϕ111.5×67mm	Built-in brightness sensor With PIR & Ultrasonic detection technology Multiple way of trigger: PIR&UT, PIR or UT, PIR only, Ultrasonic onlty Support Master/slave work mode, central-off, presence simulation function Four channels can be ued as Constant lighting Control, Twilight Switch, HVAC control
NEW! 	**KNX GPS Weather Station** CSWS-04/00.1.00	Surface-mounted 113×101×225mm	Built-in GPS receiver, Temperature sensor, Rain sensor, Brightness sensor(3pcs), Wind sensor(3) to detect wind speed only, Shading(8 facade). 3 Calendar time switch(2 witch each day), 1 weekly time switch(each day 4 switch control), Night recognition, Dawn detection, Logic(6 AND, 6 OR).
NEW! 	**KNX GPS Weather Station Pro** CSWSP-07/00.1.00	Surface-mounted 260×145×300mm	Built-in GPS receiver(able to calculate sun position), Temperature sensor, Rain sensor(4), Brightness sensor(5pcs), Humidity sensor. Wind sensor(4 threshold) to detect wind speed & wind direction, Shading(12 facade), 4 Calendar time switch(2 witch each day), 24 weekly time switch(each day1 switch control). Pressure detection, Night recognition,Twilight detection, Logic(8 AND, 8 OR), Computer(8) Summer compensation, Frost Alarm, Dew Point Measurement, Comfort field
	**KNX Switch Actuator 4/8/12-Fold, 16A/20A (KNX Secure)** (16A) (16A Current Mn) (20A) ARSA-04/16.S ARCD-04/16.S ARSA-04/20.S ARSA-08/16.S ARCD-08/16.S ARSA-08/20.S ARSA-12/16.S ARCD-12/16.S ARSA-12/20.S	DIN rail 72×90×64mm 144×90×64mm 216×90×64mm	Manual switch operation, switch status response Reaction after bus voltage failure and recovery Scene and preset control Logic operation with AND, OR, XOR, gate function Forced operation and safety function, threshold and time function NORMAL version and CURRENT MEASUREMENT version for option Support KNX Secure
	**KNX Multifunctional Actuator 3-Fold, 6A, Flush Mounted (KNX Secure)** AMMAF-03/06.S	Flush Mounted 53×48.3×23.5mm	Switch output Curtain output Valve control Dry input detection Fan control Heating control Drive LED indicator Support KNX Secure
NEW! 	**KNX Multifunctional Actuator, 4-Fold, 16A (KNX Secure)** AMMAF-04/16.S	Flush Mounted 50×60×20.5mm	4-Channel 16A KNX Actuator Max. 16A per Channel Supports Switching, Scene & Logic Control Integrated Shutter, HVAC & Fan Control 8-Fold Dry Contact Input with LED Output
	**KNX Multifunctional Actuator 4/8/16/24-Fold (KNX Secure)** AMMA-04/06.S, AMMA-08/10.S AMMA-16/10.S, AMMA-24/10.S	DIN rail 36×90×64mm 72×90×64mm 216×90×64mm	Multifunctional actuator with flexibility, one actuator for all functions Max. 24 folds of switching output for lighting, socket etc Max. 12 folds of AC/dry contact shutter/blinds control Max. 6 folds of DC shutter/blinds control Max. 6 folds 3-level fan speed control 2/4-pipe valve system of both 3-point type and ON/OFF type Support KNX Secure

Product List

Picture	Name / Model	Installation / Dimension	Function
	**KNX Shutter Actuator 4-Fold** AWBS-04/06.2	DIN rail 72×90×64.1mm	Movement UP/DOWN Stop/Louver adjustment Move to position 0…100% Scenes Automatic sun protection Block Forced operation LED display Move into preset position(up to 2 preset positions) Set preset position(modification of the preset position during operation). Adjustment louver to position 0…100%(only Blind working mode) Monitoring of wind, rain and frost protect(cyclical) Status reply of the current position, status reply of the current operating mode. Two operation mode: Venetian Blind and Shutter
	**KNX Fan Coil Actuator with 0-10V** AFVFT-07/10.S	DIN rail 72×90×64mm	Support 2/4 pipes HVAC system Support 2 wire or 0-10V valve type Support 2-point control or PI control methods for local. Support relay/0-10V drive fan, 3-level fan speed Standby/comfort/night/protect mode Channels can be reused as switch output Manual operation and LED indication Support 3-wire PT1000 sensor
	**KNX Heating Actuator with Traic 6-Fold (KNX Secure)** AFHT-06/05.1	DIN-rail Mounted 72×90×64mm	Supports 24V AC or 230V AC thermal drive. 6 independent valve outputs, Max 300mA/channnel 6 channels of room temperature controller: support heating/cooling mode, integrating 2-point and PI control algorithm, with 5 scenes functions Support KNX Secure Not support fan speed control
	**KNX Room Controller Smart** AMRS-41/05.3	DIN rail 216×90×64mm	Dry contact and binary inputs LED indications Switch/shutter outputs Triac dimming Fan coil output 0-10V dimming Logic, Time and Scene group functions Support KNXnet/IP tunneling/routing
	**KNX Universal Dimming Actuator 1-Fold, Flush Mounted (KNX Secure)** ADUDF-01/01.1	DIN rail 53×53×23.5mm	Max. load 200W, leading/trailing edge phase dimming control Un rated voltage 230V AC, 50/60Hz Relative & absolute dimming, status response, scene control(16 folds), staircase lighting function, flashing switch, delay switch, safety function. 8 logic function Dimming curve adjustment(6 options+1 Customization) in ETS Dry contact: 4 fold input + 4-fold input/ LED output, LED indicator(5V/12V, Max. 4mA, Common Andode). Support KNX Secure
	**KNX Universal Dimming Actuator, 1/2/4-Fold (KNX Secure)** ADUD-01/02.3 ADUD-02/02.3 ADUD-04/02.3	DIN rail 36×90×64mm 72×90×64mm 144×90×64mm	Max. load 300W, leading/trailing edge phase dimming control Un rated voltage 110~230V AC, 50-60Hz Relative & absolute dimming, status response, scene control(16 folds), staircase lighting function, flashing switch, delay switch, safety function. 8 logic function Dimming curve adjustment(6 options+1 Customization) in ETS Manual operation and Output indication function Operating hours counter function Support KNX Secure
	**KNX LED Dimming Actuator, 4-Fold, 4A** ADLD-04/03.1	DIN rail 72×90×64mm	Switching Relative and absolute dimming Status report, error report Scene and preset function Staircase lighting function Preset a Brightness value after bus voltage recovery Constant voltage drive mode Manual operation and status indication
	**KNX 1-10V Dimming Actuator 4-Fold, 16A (KNX Secure)** ADTV-04/16.S	DIN rail 144×90×64mm	Switching Relative and absolute dimming Status report, error report Scene and preset function Passive DC 0/1-10V drive mode Staircase lighting function Preset a Brightness value after bus voltage recovery Manual operation and status indication Support KNX Secure
NEW! 	**KNX 1-10V Dimming Actuator, 3-Fold (KNX Secure)** ADTVF-03/08.1	Flush Mounted 50×60×20.5mm	Supports switch, dimming, RGB and tunable white (CCT) control KNX functions including 16 scenes, preset, status feedback and staircase lighting Individually configurable 4-fold dry contact inputs Integrated 12V DC LED indication output

Picture	Name / Model	Installation / Dimension	Function
NEW! 	**KNX DMX512 Dimming Actuator, 4-Fold (KNX Secure)** ADDMX-04/66.1	DIN rail 72×90×64mm	4 DMX Channels Up to 512 Devices per Channel Single / CCT / RGB Dimming Scene & Staircase Lighting Control 16 Built-in Scene Templates
	**KNX Universal Interface, 4-Fold** KI/U 0401.1	46×46×11.7mm	Switching and dimming Control of blinds and shutters Sending of values, e.g. water line, brightness Recall and storage scene Switching sequence Counter Multiple operation LED indication output
	**KNX Universal Interface with NTC Input, 4-Fold (KNX Secure)** CTUIF-06/04.1	46×46×11.7mm	4-fold input & 4-fold input/LED output 5 dry contact input, 5V/12V DC LED output 2-fold NTC Input(10K Temp. sensor) 2-fold room temperature control Switching and dimming, RGB/RGBW Blind and shutter control Scene control and value sending Shift register, multiple operation, delay mode Group event, Logic functions
NEW! 	**KNX Binary Input for Floating Contact, 4/8/16-Fold (KNX Secure)** CTBIF-04/00.S CTBIF-16/00.S CTBIF-16/00.S	DIN rail 36×90×64mm 72×90×64mm	Switching and dimming Shutter function Value sending Recall and storage scene Shift register function RGB and RGBW dimming Multiple operation Delay mode logic functions Event Group function
NEW! 	**KNX Binary Input, 4-Fold (KNX Secure)** CTBI-04/00.S	DIN rail 36×90×64mm	Switching and dimming Control of blinds and shutters Sending of values, e.g. water line, brightness Recall and storage scene Switching sequence Multiple operation LED indication Manual operation
NEW! 	**KNX DMX512 Record and Replay with 100Min, 2-Fold (KNX Secure)** BTDMX-02/16.1	DIN rail 72×90×64mm	2-Channel DMX Program Recorder Supports up to 512 DMX Devices per Channel Record & Replay DMX Programs Up to 16 Programs per Channel Loop & Single Playback Modes Up to 100 Minutes Storage per Channel
NEW! 	**KNX/DALI-2 Gateway, 1/2-Fold (KNX Secure)** BTDG-01/64.2, BTDG-02/64.2	DIN rail 72×90×64mm	DALI telegram broadcast function, fault detection of lamps and ballasts of DALI devices For each fold, Max.64 DALI devices can becontrolled, including switch, dimming, brightness, color and color temperature control, 16 group control, 16 scene control. Support DALI-2 device types of DT6, DT8 color control, color type including RGB color, RGBW color, XY color, Color temperature. Support DCA App in ETS, 8 behaviour templates Support emergency lighting, connecting with DALI sensors
	**KNX Gateway for IR, Ceiling** BTIRC-01/00.2	Ceiling-Mounted 91×82×76mm	360 degree full direction transmitting Support multi-emitting and delayed-emitting Installation height is max.4m, the transmitting distance is max.3m(radius) Support Universal IR control, up to 30 IR code Support Air-condition control, up to 266 IR codes
	**KNX Gateway for IR, 2-Fold, Flush mounted** BTIRF-02/00.2	80/60mm wall box Φ53×23.5mm	2 channels, flush mounted Support multi-emitting and delayed-emitting The transmitting distance is max.2m Support Universal IR control, up to 30 IR code Support Air-condition control, up to 266 IR codes Supports current detection, up to 10A

Picture	Name / Model	Installation / Dimension	Function
	**KNX Gateway for RS485/RS232** BTPG-04/03.1	DIN rail 72×90×64mm	Support the integration of Modbus and KNX system, with master and slave mode, and up to 500 datapoints. Support data communication between RS232 and KNX system, and up to 100 datapoints Support data communication between RS485 and KNX system, and up to 100 datapoints Support the control of VRV/VRF air conditioners with Modbus RTU control protocol, such as DAIKIN, HITACHI, Mitsubishi, Fujitsu, Gree, Toshiba, etc. Support the control of DOOYA 485 curtain motor Support the control of background music system
	**KNX Gateway for Tuya ZigBee, Premium** BTMO-TY/00.3, BTMO-TY/00.4	DIN rail 36×90×64mm	Work as a Tuya/Zigbee Gateway to connect to Tuya Cloud and add Tuya device Upload KNX devices to Tuya platform to control and display status Support KNX functions: switching, dimming, curtain, scene, AC control, background music, air quality and energy metering display etc. Logic functions Support bidirectional communication between Zigbee and KNX device
	**KNX Multifunctional Gateway** BTAI-06/05.1	DIN rail 144×90×64mm	App Server for GVS Smart App 6 folds RS485 interface for connecting with RS485 input 5 folds dry contact input 1 fold LAN port for integrating with TCP/IP devices 1 fold WAN port for cloud and local communication Configured by "GVS Smart Assistant" app
	**KNX IR Learner** BTIL-01/00.2	18×20×77mm	Capability of learning over 95% remote control units in the market USB to communicate with PC, easy to learn and store IR codes from remote
	**KNX IP Interface (KNX Secure)** BNIP-00/00.S, BNIPC-00/00.S	DIN rail 36×90×64mm	Support KNX Secure Support KNX/IP Tunneling Can be used as the programming interface for other KNX devices Support UDP telegram and port number 3671 Support up to 5 KNX IP client connections Suport remote programming(BNIPC-00/00.S)
	**KNX IP Router (KNX Secure)** BNIPR-00/00.S	DIN rail 36×90×64mm	Support 4 client connections Support KNXnet/IP, ARP, ICMP, IGMP, HTTP, UPnP, UDP/IP, TCP/IP, DHCP and Auto IP Can be used as line/backbone coupler to couple ethernet and KNX-TP lines Support filter table routing function Can be used as the programming interface Support KNX Secure
	**KNX Line Coupler** BNLC-00/00.3	DIN rail 36×90×64mm	As a KNX line coupler, it connects main line to backbone line, or line to main line As a KNX line repeater, it extends the length of bus line and the number of KNX devices
	**KNX USB Interface** BNTP-USB/00.1	77×20×18mm	An interface between PC and KNX bus to configure, parameterize and commission KNX bus Support long frame
	**KNX Power Supply, 640mA** BBPS-02/640.1	DIN rail 72×90×64mm	Input voltage 95V-255V AC, 50/60Hz, output 1: 30V DC +1/-2V, SELV with choke; output 2: 30V DC +1/-2V, SELV without choke, total 640mA, short-circuit-protection. Current level indicator The minimum distance between 2 power supply in a line is 300meter
NEW! 	**KNX Commissioning** BBPS-02/USB.1	54×91×26mm	Support 2 power supply: DC interface and Type-C interface DC, ⩽300mA (Only 24V DC can reach 300mA), Type-C, ⩽100mA The Type-C interface also serve as a KNX USB interface, is used for facilitating communication between the PC and the KNX system.

Product Series

Video Intercom System
P. 25 - P. 45

S Series Video Intercom System

The S Series system is a complete digital intercom system based on the SIP protocol, which is an IP voice session control protocol that originally came from the internet.

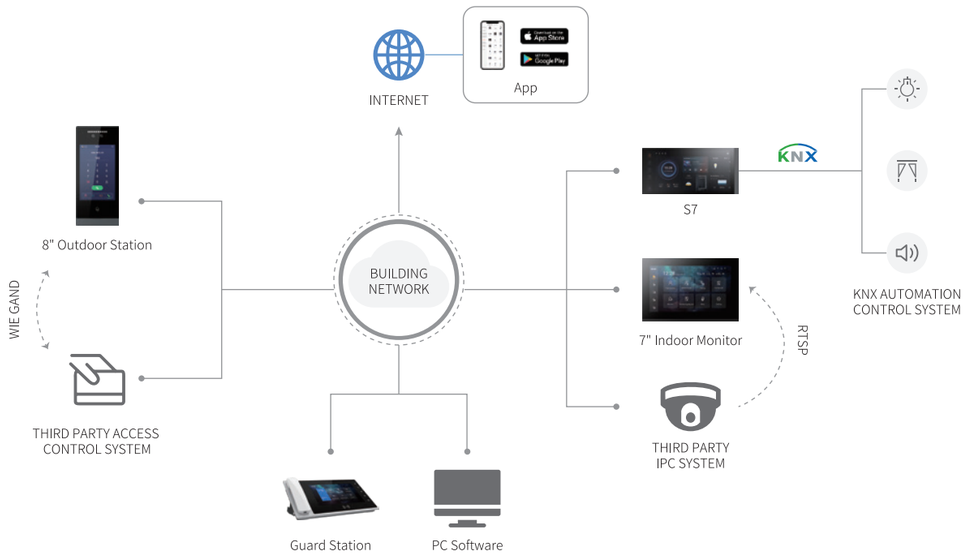
The SIP video intercom system products enable the creation of various types of sessions, including audio, video, multi-channel calls, and the transmission of instant messages and files.

This system has the ability to integrate all forms of media and technologies into a unified communication platform, thereby enabling efficient management and cost reduction.



Based on the SIP protocol, GVS has introduced the S-series video intercom system products, which include indoor monitors, outdoor stations, mini outdoor stations, guard units, and a mobile app that enables remote operation. These products support both point-to-point SIP intercom and cloud intercom, utilizing the SIP server. Experience the seamless integration of SIP protocol VDP technology with GVS S-series video intercom system for advanced and secure communication.

S Series Video Intercom Topology



Home Automation
Integration with third party home automation systems

SIP
Call divert
SIP Telephone

IP Camera
Integration with third party IPC systems and control centre

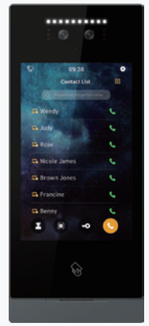
Access Control
Integration with third party access control

8" Outdoor Station

SO801

Function:

- 8" IPS display with 800*1280 resolution
- 2MP Binocular Camera
- Support 9 unlocking mothods(Face/Password/App/Proximity Card etc)
- In standard environments, the outdoor station supports storing a database of up to 20000 faces ID
- The facial recognition speed is less than 25ms with an error rate of 0.1%
- The door phone offers nine unlocking methods
- Automatic configuration/server mode
- Support 2 locks management
- Support OTA online upgrades



Mini Outdoor Station (Flush Mounted)

SO001/SO002/SO003

Function:

- 2MP HD Camera
- Support User card management
- Up to 20000 management card storage capacity
- Automatic configuration/DHCP mode
- Support 2 locks management
- Support OTA online upgrades
- Support door status detection, unlock state timeout alarm, normal open/close status setting
- Aluminum panel
- IP44 Waterproof
- Available in 1 button/2 buttons/4 buttons options



Mini Outdoor Station (Surface Mounted)

SO004/SO005

Function:

- 2MP HD Camera
- Equip with white fill-in light
- Adjustable unlock time
- Support 2 door locks management
- Support normal open/close unlock output
- Support calling to indoor monitor and guard unit
- Up to store 20000 user cards
- Support online update
- Door status detection, and unlock state timeout alarm



10" Guard Unit

SIA01

Function:

- 10.1" HD IPS screen with user-friendly GUI
- Support one-click emergency unlock
- Support unlocking of the building station and gate station remotely
- Support monitoring the outdoor station, gate station and IP cameras
- Support up to 255 IP cameras
- Access card management
- Alarm and SOS alerts
- Automatic configuration/server mode



10" Indoor Monitor

SIA02

Function:

- 10" HD display with 1024*600 resolution
- Doorbell function available
- Resident list management with black/white list
- User friendly GUI
- Support cloud intercom
- Support GVS App-Smart door phone/Tuya App
- Built-in RS485 interface
- IP camera integration
- Support voice message
- IP camera integration
- Support OTA online upgrades



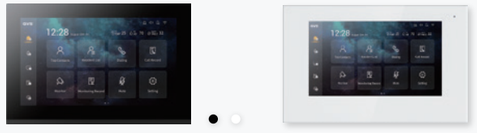
Wifi Intercom | Cloud Intercom | Sound Recording

7" Indoor Monitor

SI701/SI703

Function:

- 7" HD display with 1024*600 resolution
- Doorbell function available
- Resident list management with black/white list
- User friendly GUI
- Support cloud intercom
- Support GVS App-Smart door phone/Tuya App
- Built-in RS485 interface
- Support voice message
- 1 channel relay output control (SI703)
- IP camera integration
- Support OTA online upgrades
- White case is optional



Wifi Intercom | Cloud Intercom | Sound Recording

IP Video Intercom System Briefing

GVS H Series system is a full digital video intercom system based on TCP/IP technology, it supports to create topology for large building easily and allows project to be equipped with high intercommunication performance.

The system supports video intercom, information broadcast, multi-channel calling, alarm, home automation, lift calling etc. Taking advantage from the IP technology, the system is with much better video intercom performance and sophisticated integration to smart home system which enables much more powerful functions for a smart space.

The system provide wide range of devices to meet requirements of all kinds of projects, with a full range of door stations, indoor monitors and accessories, a flexible and powerful intercom system can be easily set up and function well in the shortest time.

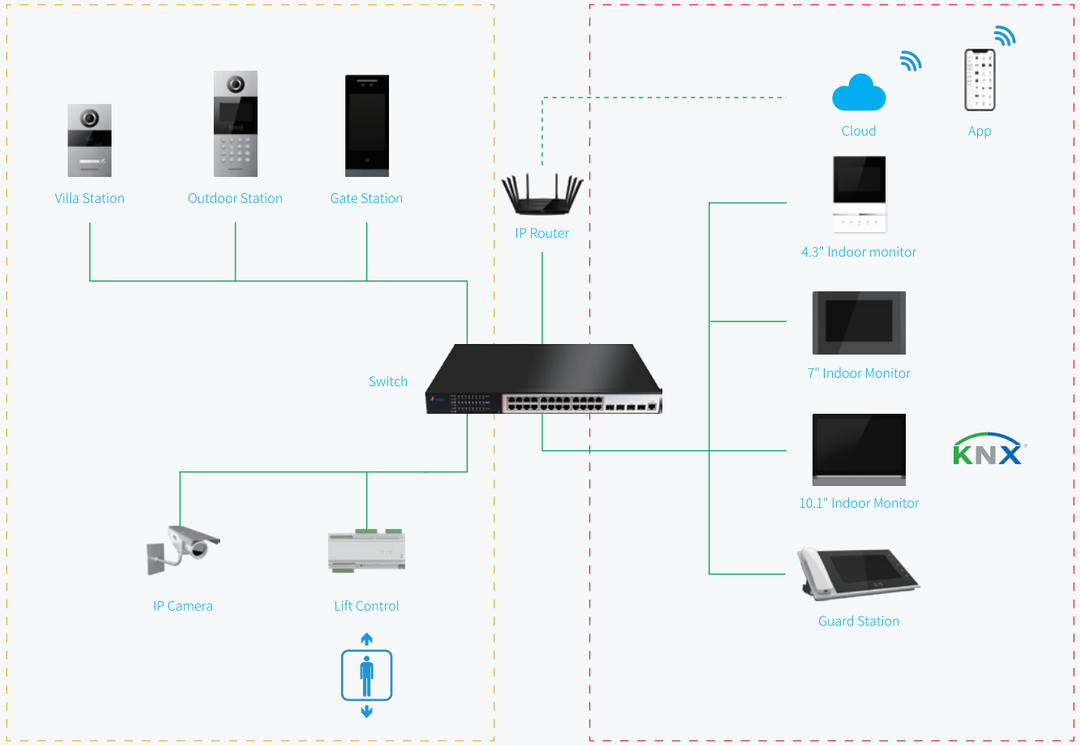


H Series Video Intercom System

The H Series system is a full digital video intercom solution based on TCP/IP protocol. It supports digital video intercom, information broadcast, multi-channel calling, room-to-room intercom, alarm, home automation etc. The solution provides clear and fluent video intercom service and security alarm, which enhances the community security.

The system could be defined and applied to different buildings with a wide-range functions, meanwhile, supporting both 24V PoE power and 48V standard PoE also makes the system more flexible for installations of all kinds.

H Series Video Intercom Topology



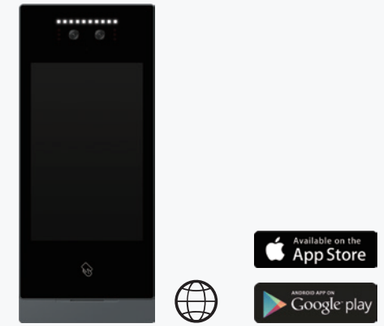
NEW!

8" Binocular Face Recognition Outdoor Station

H-OS18S

Function:

- 2MP HD camera
- Visual angle 123°
- Aesthetic design with aluminum faceplate
- 8" HD Display with sensitive touch panel
- Display resolution with 800*1280
- High precision algorithm for face recognition with approximite detection
- Door status detection
- Multiple call methods
- Slim device with 0.5cm thickness
- 9 unlocking methods
- Call divert to the mobile app
- Integrating with elevator system



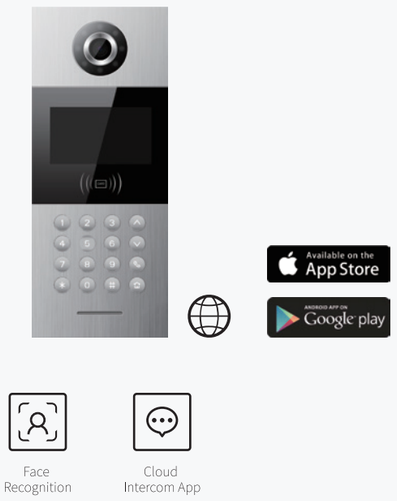
NEW!

4.3" IP Outdoor Station

H-OS09S

Function:

- 2MP HD camera
- Aesthetic design with aluminum faceplate
- Face recognition with approximite detection
- 4.3" LCD Display with sensitive touch panel
- View angle 123°
- Door status detection
- Fill-in light with high luminance LED
- Support IC Card
- Support NO/NC doorlock
- Random password unlock and QR code unlock



NEW!

7" IP Outdoor Station

H-OS06

Function:

- 2MP HD camera
- Aesthetic design with aluminum faceplate
- Face recognition with approximite detection
- 7" LCD Display with sensitive touch panel
- View angle 123°
- Door status detection
- Fill-in light with high luminance LED
- Support IC Card
- Support NO/NC doorlock
- Support standard 48V POE
- Random password unlock and QR code unlock
- Cloud intercom





Available on the App Store

ANDROID APP ON Google play



H-VS07

Mini Outdoor Station (Surface Mounted)

- 2MP HD camera
- Aesthetic design with aluminum alloy panel
- Support proximity card unlock
- Easy call to resident and security station
- Name tag with LED backlight
- Door status detection
- IK07
- IP44



H-VS02

Mini Outdoor Staion (Flush Mounted)

- Aluminum panel
- Working voltage: DC 24V(support POE)
- Support IC card
- Support NO/NC doorlock
- Support tamper alarm
- IP44

NEW!

10.1" Indoor Monitor

H-IS33S

Function:

- 10.1" glass capacitive touch screen
- HD display with clear video performance
- Automatic photo capture
- Real-time monitoring to the door stations.
- Powered by standard PoE switch or DC 24V optional
- 8 defense zones input
- Easy GUI customization
- Home automation & Elevator Linkage



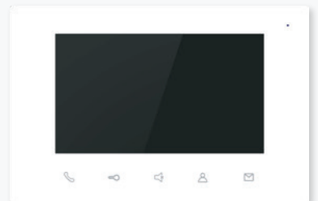
NEW!

7" Indoor Monitor

H-IS07S/H-IS34S

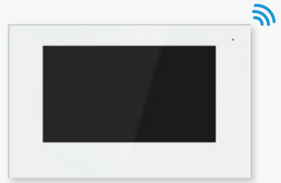
Function:

- Powered by PoE switch and DC24V optional
- 7" capacitive touch with advanced GUI
- Automatic photo capture
- Support room to room intercom
- Alarm settings with 8 defense zones
- Save up to 6 CCTV cameras in one monitor
- Home automation connection & Elevator linkage





TCP/IP Video Intercom



H-IS16

7" Indoor Monitor

- Working voltage: optional 24V/48V POE
- 7" capacitive touch with advanced GUI
- Automatic photo capture
- Support room to room intercom
- Alarm settings with 8 defense zones
- Save up to 6 CCTV cameras in one monitor
- Support KNX home automation connection



H-IS02

4.3" Indoor Monitor

- Powered by PoE switch or DC 24V
- Protocol: Standard TCP/IP
- 4.3" TFT with advanced display effect
- Automatic photo capture
- Support intercom function
- Sensitive touch key, cost-effective version



H-IS14

Audio Phone

- SOS Alarm
- Support multiple telephone
- Intercom between apartment & Guard Unit
- Ringtone/talking volume adjustable



H-GU02

10" Guard Unit

- Support max. 255 IP cameras
- Card management function
- Alarm and SOS alert
- Support ONE-KEY(all) door opening



H-CG01

IP Camera Gateway

- Support ONVIF IP camera
- Support up to 255 CCTV cameras
- Support 5 users' surveillance at the same time



H-LC02

Lift Control Module

- Working Voltage: DC 24V (support POE)
- RS485 output



H-LC03

Lift Control Module (Dry Contact)

- Powered by DC 24V & 48V PoE
- Support TCP/IP LAN port in PoE
- Relay Interface with 16 fold relays max
- Transmitting Distance: 100M(Max)



H-CR02

Access Control Card Reader

- Max 10000 resident IC/ID card
- Powered by 24V PoE switch and DC 24V optional
- Adjustable unlock duration
- Door status detection

2-Wire Video Intercom

GVS T Series 2-wire video intercom system is an analogue system that helps to create convenient video intercom system between visitors and residents. The 2-wire connection, as one of the easiest way for intercom system, allows the system to be installed in small to medium building of all types with a limit of 128 apartments in one system, new or old.

The system supports both the conventional video intercom and the cloud video intercom(certain models) by Tuya App.



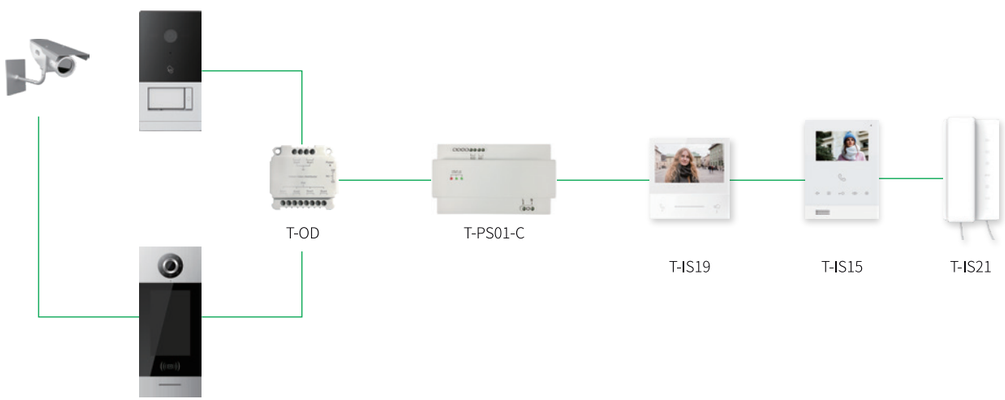


System capability:

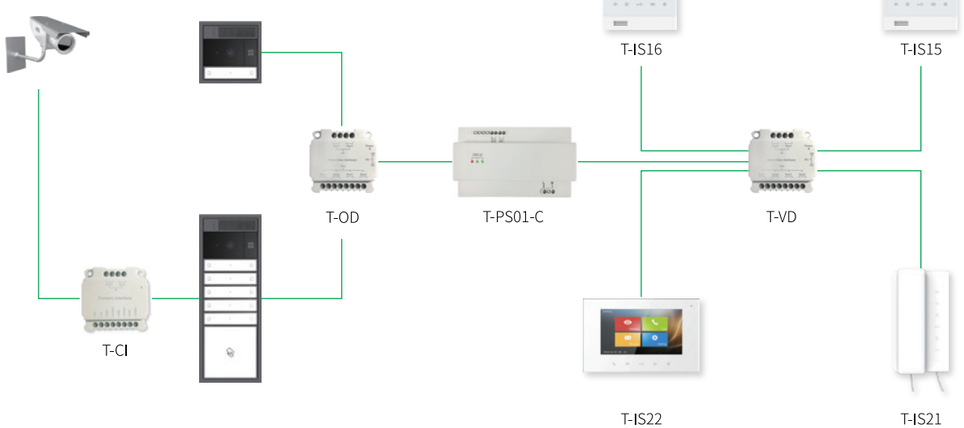
- Up to 128 indoor monitors
- Up to 9 outdoor stations
- Up to 160 meters in the standalone building
- Up to 435 meters in the networked buildings

Typical 2-wire Topology

Daisy-chain Connection：



Star Connection：



7" Touch Outdoor Station

T-OS02E/T-OS14E

Function:

- 7" capacitive touch screen design
- Aesthetic design with Aluminium panel
- Support analogue camera surveillance by built-in interface
- Flexible GUI customization
- IC Card unlock
- Main page can be configured as keypad or name list type





T-OS01/T-OS03/T-OS04

Mini Outdoor Station

- 1MP HD camera
- Built-in proximity card reader
- Support connecting additional unlock button
- Name tag with LED backlight
- Aluminium alloy panel
- Flush mounted installation
- IPX4 IK07



T-OS16/T-OS17

Mini Outdoor Station

- 2MP HD camera
- Built-in proximity card reader
- Name tag with LED backlight
- 2 locks management
- Adjustable call volume and unlock duration
- Surface mounted installation
- IPX4 IK07

NEW!

Modular Outdoor Stations

Function:

- Module assembling design
- Aluminum panel (Dark grey/ Bright silver)
- 2M pixels camera
- 130° view angle
- Voice prompt
- 2 Locks control
- Flexible rocker (1 button/pair)
- Big nameplate with backlight
- Surface and flush mounting
- IP65 IK07 rate



T-OS20/21/22 Surface Mounting



T-OS20/21/22F Flush Mounting





MO001-AV-T

Video Controller Module

- 2M pixels camera with 130 view angle degree
- Voice prompt & auto sensor for backlit
- Big nameplate for 1/2 families



MO001-PB

4/8 Button Module

- Rocker button design
- Big nameplate with backlit
- Changable name paper design



MO001-KP

Keypad Module

- 3.35mm thickness IK7 glass panel
- Pincode input for door release
- Room code input for calling



MO001-IC

RFID & INFO

- 2 in 1 design
- Mifare reader
- Info plate with backlit



GA1-F/GA2-F/GA3-F

Surface mounted installation kit (1/2/3 Gang)



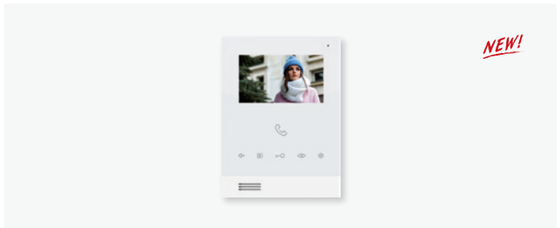
GA1-S/GA2-S/GA3-S

Flush mounted installation kit (1/2/3 Gang)



MO001-RC/MO002-RC/MO003-RC

Rain Shield (1/2/3 Gang)



T-IS15

4.3" Indoor Monitor(Touch Key)

- Two wire indoor monitor with touch key
- Support video intercom/monitor
- 2 lock management, adjustable ringtone volume
- LED indicator
- max. 128 sets in one system
- Ultra-thin design



T-IS16

5" Indoor Monitor

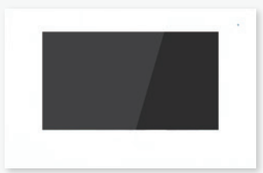
- Ultra flat glass front panel and thin body design(14.5mm)
- 5" IPS HD display(800*480)
- Touch screen and touch sensor operation
- Wi-Fi connectivity for cloud intercom with phone(Tuya and GVS cloud)
- Auto snap function
- Voice message and DND function
- 2 Locks Management
- Surface wall mounting
- Convenient FW update by OTA or local Wi-Fi



T-IS22

7" Indoor Monitor

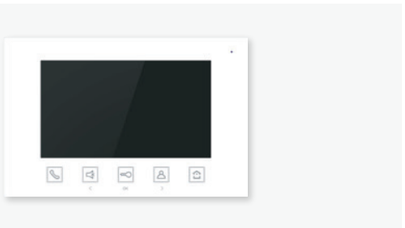
- 7" glass touch screen and sensitive touch keys
- Video intercom, monitoring and unlock
- Untra-thin design for surface installation
- Max.4 indoor monitors in one apartment
- Support TF card extension(2-32G)
- Support photo capture and video record
- Built-in multi-languages
- Support room to room intercom



T-IS07

7" Indoor Monitor

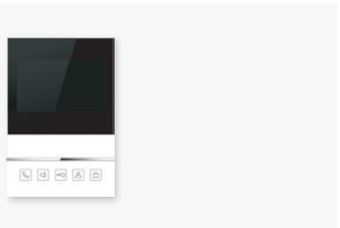
- 7" full touch screen
- Video intercom, monitoring and unlock
- Max.4 indoor monitors in one apartment
- Support TF card extension(2-32G)
- Support photo capture and video record
- Can be reused as guard unit when addressed as 200
- Built-in multi-languages
- Support room to room intercom



T-IS05

7" Indoor Monitor Lite

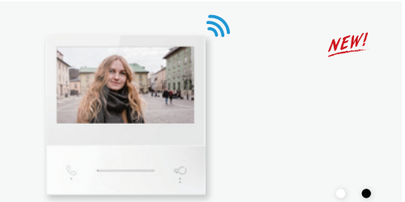
- 7" monitor with touch key with OSD
- Video intercom, monitoring and unlock
- Max.4 indoor monitors in one apartment
- Support room to room intercom
- Can be reused as guard unit when addressed as 200
- Adjustable ringtone volume



T-IS04

4.3" Indoor Monitor Lite

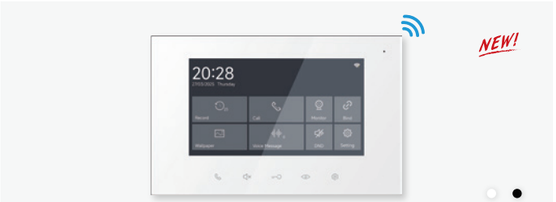
- 4.3" monitor with touch key design
- Video intercom, monitoring and unlock
- Max.4 indoor monitors in one apartment
- Can be reused as guard unit when addressed as 200
- Support room to room intercom
- Adjustable ringtone volume



T-IS19

7" Indoor Monitor

- 7" display with resolution 800*480
- Linux base monitor
- Operated with touch panel and touch buttons
- Built-in multi-languages
- Volume adjustment/Mute fucntion
- Relay signal output control
- DIP switch for selecting monitor power source
- Easy change on background image
- Compatible to Tuya/GVS App



T-IS20

7" Indoor Monitor

- 7" monitor with sensitive touch glass panel
- Linux base monitor with LED buttons
- Ultra-thin monitor design
- Built-in multi-languages
- Volume adjustment/Mute fucntion
- Relay signal output control
- DIP switch for selecting monitor power source
- Easy change on background image
- Compatible to Tuya/GVS App



T-VD

Monitor Distributor

- Connects up to 4 indoor monitors
- Necessary in a star connection topology to separate 4 monitors in one apartment(details please refer to topology diagram)



T-OD

Door Station Distributor

- Connects up to 3 outdoor stations
- Necessary when there are more than 2 door stations in one system(details please refer to topology diagram)



T-RA

Relay Control Module

- Relay for a second door lock



T-CI

Analogue Camera Interface

- For adding extra analogue cameras
- 1 channels available



T-PS01-C

Power Supply

- Working voltage: AC100V~240V
- Output voltage: DC30V
- 16 indoor monitors maximum



T-PS02

Extended Power Supply

- Working voltage: AC100V~240V
- Output voltage: DC30V
- Supports max 16 indoor monitors for signal amplification



T-PS03

Power Supply

- Standard din-rail installation
- AC 100-240V, 50-60Hz, 600mA
- Support max 6 devices



T-PS04-C

Power Supply (2A)

- DC30V 2A current output
- LED indicating working status



T-IS06-W

Audio Phone

- Handset design, talk & unlock



T-IS21

Audio Phone

- Sensitive touch buttons
- Clear audio performance
- Magnetic handset design



T-GW02

Outdoor Station Gateway

- Up to 9 outdoor stations(3×3)
- Extend the 2nd confirmed outdoor station
- Network multi buildings



T-Adaptor

Name List Tool

- For configuration of the name list in 7" Touch Outdoor Station



Way-2-Easy Kit Pro

2-wire intercom kit

Plug & Play | Gift Package | Security Assured | Pro & Lite Version



7" Indoor Monitor

- 7" color TFT display
- Sensitive touch panel
- Photo & Video recording



Outdoor Station

- CMOS camera 600TVL
- Aluminium alloy panel
- Proximity card reader
- 2 locks management
- IP44 IK07



Power Supply

- Standard din-rail installation
- AC 100-240V, 50-60Hz, 600mA
- Support max 6 devices

Monitor Selection Table

	H-IS14	H-IS02	H-IS07	H-IS11	H-IS16	H-IS33	H-IS34	T-IS21	T-IS05	T-IS15	T-IS16	T-IS19	T-IS20	T-IS22
														
Screen size	/	4.3"	7"	7"	7"	10.1"	7"	/	7"	4.3"	5"	7"	7"	7"
Color	white	white/black	white/black	sliver/black	white/black	black	black	white	white	white	white	white/grey	white/black	white
Power supply mode	24V/48V PoE	24V/48V PoE	24V/48V PoE	24V/48V PoE	48V PoE	24V/48V PoE	24V/48V PoE	2 wire PS 30V	2 wire PS 30V	2 wire PS 30V	2 wire PS 30V	2 wire PS 30V	2 wire PS 30V	2 wire PS 30V
Touch screen	/	/	Yes	Yes	Yes	Yes	Yes	/	/	/	Yes	Yes	Yes	Yes
Picture memory	/	Yes	Yes	Yes	Yes	Yes	Yes	/	/	/	Yes	Yes	Yes	Yes
Button type	Mechanical button	Touch key	Touch panel	Touch panel	Touch panel	Touch panel	Touch panel	Mechanical button	Touch key	Touch key	Touch panel	Touch panel	Touch panel	Touch panel
Dimension W*H*D(mm)	79.9*209.9*52.8	123*180*20.5	220*140*17.5	200*130*14.9	220*140*17.5	247.5*165*17.4	182*119*15	186.8*98.1*37.8	220*140*24	134*180*14.5	134*180*14.5	179.6*179.6*25	220*140*17.5	220*140*17.5
Technology	IP							Non-polarised Two-wire						
Number of wires	CAT5							2						
Max.distance(meters)	Unlimited							160						
Guard unit	Yes							Yes						
Max.number of apartments	≈2 million(max. coding address)							128						
Extension per apartment	4							4						

Featured Project

Classic GVS project worldwide

P. 46 - P. 52



Daxing International Airport

- Location : Beijing, China
- Project Type : Airport
- Size : Departure Lounge & Landing Field

Beijing Daxing International Airport, as one of the TOP 3 airports globally, has finished its last phase of installation in mid 2019. The airport is famous for its unique and elegant design as well as it's huge capacity for passengers, it's praised as one of "The New Seven Wonders Worldwide" by British Guardian. GVS, as the leader of the smart building in China, has participated in the airport automation in its decoration phase and successfully installed thousands of KNX components in the brand new airport to enable smart lighting control, HVAC control etc. Till today, Daxing International Airport has become the biggest and most successful KNX airport project.

Guangzhou Metro System

- Location : Guangzhou, China
- Project Type : Metro Station
- Size : 42 stations lighting control

GVS has won the KNX automation part in the latest THREE Guangzhou new lines: line #13, #14, #21 with 42 stations. The whole project has successfully been installed in 2018 and handedover to the civic operation office. With a huge number and extreme length, the Guangzhou Metro system now becomes the largest KNX automation system in the category of metro system worldwide. Besides, GVS is also working closely with metro/train station systems in other major cities like Shenzhen, Ji'nan, Zhangjiajie, Foshan etc.





Hangzhou International Airport
Hangzhou, China



Alibaba Headquarter,
Hangzhou, China



Guangzhou Metro,
Guangzhou, China

Wuxi Spring Garden
Wuxi, China



Qianjing Garden
Shanghai, China



Haoyuan Apartment
Xinjiang, China



Haoyuan Community
Jinan, China





Scandinavia Luxury Apartment

- Location : Jakarta, Indonesia
- Project Type : Commercial-Residential Complex
- Size : 1000+ apartments

With the help of GVS smart community technology, Scandinavia Apartment becomes one of the most significant building in Jakarta city. The Commercial-Residential complex solves the living problem, while GVS smart community solution improves the living quality. Over 2,000 GVS video intercom & KNX smart home devices contributed a lot in the automation & security of the building in 2018.

SKY TOWERS

- Location : Erbil, Iraq
- Project Type : Commercial -Residential Complex
- Size : 2000+ apartments

Sky towers is a residential and commercial project located in one of the best locations in Erbil city the project is derived into 3 separate blocks, with the help of GVS smart community solution improves the living quality , over 2000 GVS IP digital video intercom devices contributed a lot in the automation & security of the buildings in 2022.



Résidence Marcel Marlier
Tournai, Belgium



Yun Shan Shi Yi Community
Guangzhou, China



Seri Pilmoor 110 Villas
Kuala Lumpur, Malaysia



HuaYuan · Dayi Resort
Guangzhou, China



ONE SINO PARK By Sunac

- Location : Shanghai, China
- Project Type : High-end residence
- Size : 255~380㎡ luxury condo.

The ONE SINO PARK seamlessly merges eastern culture with international design standards, blending the historical and cultural charm of Shanghai with the pioneering essence of the financial district of China. The project primarily features large condo spaces ranges approximately from 255 to 380 square meters, encompassing 10 diverse layouts and 5 thematic styles. To align with real estate projects and various home decor styles, GVS has meticulously fine-tuned everything from product selection to the development of intelligent solutions, tailoring a complete set of KNX smart home systems for customized integration.

With the close collaboration of GVS's integrated smart panels, rotary temperature control panels, multifunctional gateway dimming modules, and infrared sensors, intelligent control is achieved for the entire home's lighting, curtains, and air conditioning. The use of the KNX multifunctional gateway enables the users to remotely control all functions in their home.





Kweichow Moutai Flagship Store

- Location : Guangzhou (and other cities), China
- Project Type : High-end chain stores
- Size : 200㎡

Moutai liquor is known by the world as one of the world's top three distilled spirits. Since 2022, quite a lot of new openings of the 3rd generation Maotai flagship stores happened across the country. Following an integrated approach encompassing cultural display, brand image, tasting experience, and customer service, Maotai Group has upgraded its flagship stores nationwide in terms of image, function, service, and experience.

GVS, aligning with the project's positioning and functional requirements, deeply integrates multiple systems such as smart lighting, smart wine cabinets, temperature control, background music etc. to create a great variety of exquisite scenarios. This provides both staff and consumers with a more comfortable and classical experience, rendering the new-look 3rd generation Maotai stores perfect combination of wine culture & state-of-the-art technology.



Grand Hyatt Athens

- Location : Athens, Greece
- Project Type : 5-Star Hotel
- Size : 300 guest rooms

Grand Hyatt Greece, as a 5-star luxurious hotel under Hyatt Hotel Group, reopened in 2018 after a systematic renovation with GVS KNX hotel system. The hotel, as a landmark of Athens, started to accept its customers since 1983 and stopped in 2010 because of the crisis. Based on the latest KNX technology, GVS helped the hotel in its automation part and finally turned the hotel to smarter and more comfortable one with its advanced KNX technology.

Fairmont Marina Residences

- Location : Abu Dhabi, UAE
- Project Type : hotel residences
- Size : 249 serviced apartments

Fairmont Marina Residences, a 39-storey Arabian themed skyscraper which resembles the hotel located at the top of Dubai's Palm Jumeirah, is the first Fairmont-branded hotel residences in the UAE, it's part of the 563-room Fairmont Marina Resort in Abu Dhabi.

GVS, by actively participating in the hotel decoration process of the project, has worked with a few other KNX brands and successfully equipped the hotel residences with the latest smart hotel technology





InterContinental Hotel
Wuxi, China



Falkensteiner Schlosshotel
Austria



Herbarium Hotel & SpA
Gmina Gąsawa, Poland



W Hotel
Guangzhou,China

Beijing No. 1 Social Warefare Home
Beijing, China



Evergrande Group Healthyland
Sanya, China



The General Hospital of the People's Liberation Army
Beijing, China



Vanke Tianjin Yiyuan Elderly Care Center
Tianjin, China



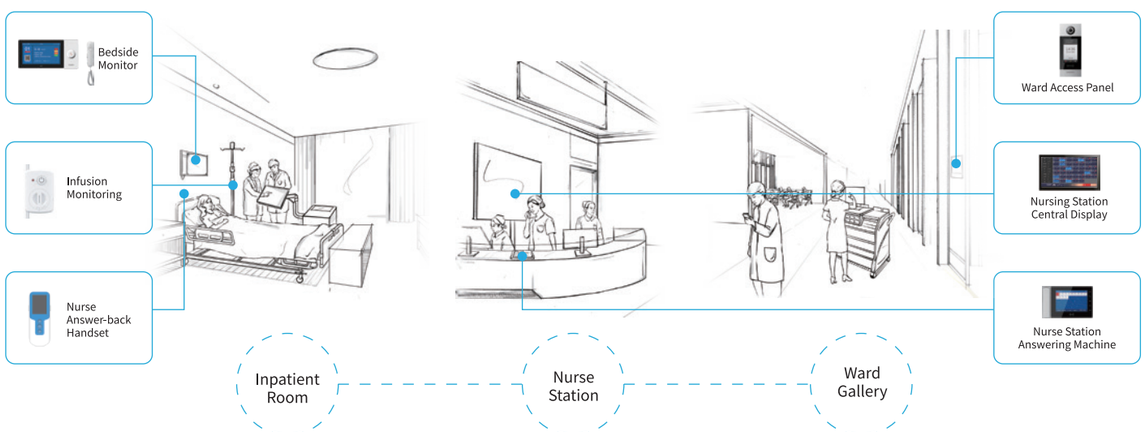


Jinan Maternal and Child Healthcare Hospital

- Location : Jinan, China
- Project Type : Smart Hospital
- Size : 50+ pediatrics patient rooms

Ji' nan Maternal and Child Healthcare Hospital is a famous First-class Hospital at Grade Three for women and children, the hospital is an integration for healthcare, scientific research and medical teaching, with its inpatient and out patient amount ranking first in Shandong Province. In October 2018, it became the 1st smart hospital under help of GVS team by installing he very first Smart Pediatrics Ward in Shandong Province with a total number of 50+ patient rooms. The smart ward has a variety of new functions such as visitor management system, smart information display, smart clinical date collection system, and all functions are transmitted by different protocols like LoRa, BLE, RFiD, WiFi and KNX . As an excellent IoT service provider, GVS successfully integrated all protocols and made the hospital a smart and modern one.

How it works for a smart hospital?





GVS New Headquarter Project (2024~2026)

Under construction since Sep. 26, 2024
Expected to be completed by the end of 2026

GVS®

To make life smart, and smart simple!