Smart Building Control Systems by GVS :

KNX/EIB System
Video Intercom System

GVS®

Catalogue

KNX WALTZ Touch⁺ Pad
Perfect combination of KNX touch panel & push button
→P. 006

KNX Smart Touch V50
A multi-functional KNX touch panel designed for elegance
→P. 006

KNX Smart Touch Z10
Where KNX technology meets video intercom: Smart, yet secured
→P. 006

GVS®

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GVS Since 1999

Established in 1999, GVS is a high-tech company which has its own professional team for product R&D, manufacturing and sales

activities. The company has been devoting itself into smart building technologies since its establishment and providing its clients

with product and solution of Smart Building, Smart Security and Smart Healthcare. 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 as well as

IP/2-Wire Video Intercom System. As the FIRST native BOARD MEMBER of KNX CHINA and first-ranking video intercom supplier,

GVS will never cease to renovate and will continuously contribute to smart building technologies in the coming decades…

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.

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 - A company with histroy

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 2013

Initiator and Chairman of the drafting team for IEEE1888.4 Green Home & Building Automation.

In 2015

GVS became the FIRST native council member of KNX China.

In 2017

GVS became a public company by entering NEEQ (the New OTC).

In 2018

GVS became the first native company who chaired KNX CHINA.

In 2019

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

In 2021

GVS survived & thrived with 30% annual net growth in 2020 & 2021 dispite COVID-19.

In 2022
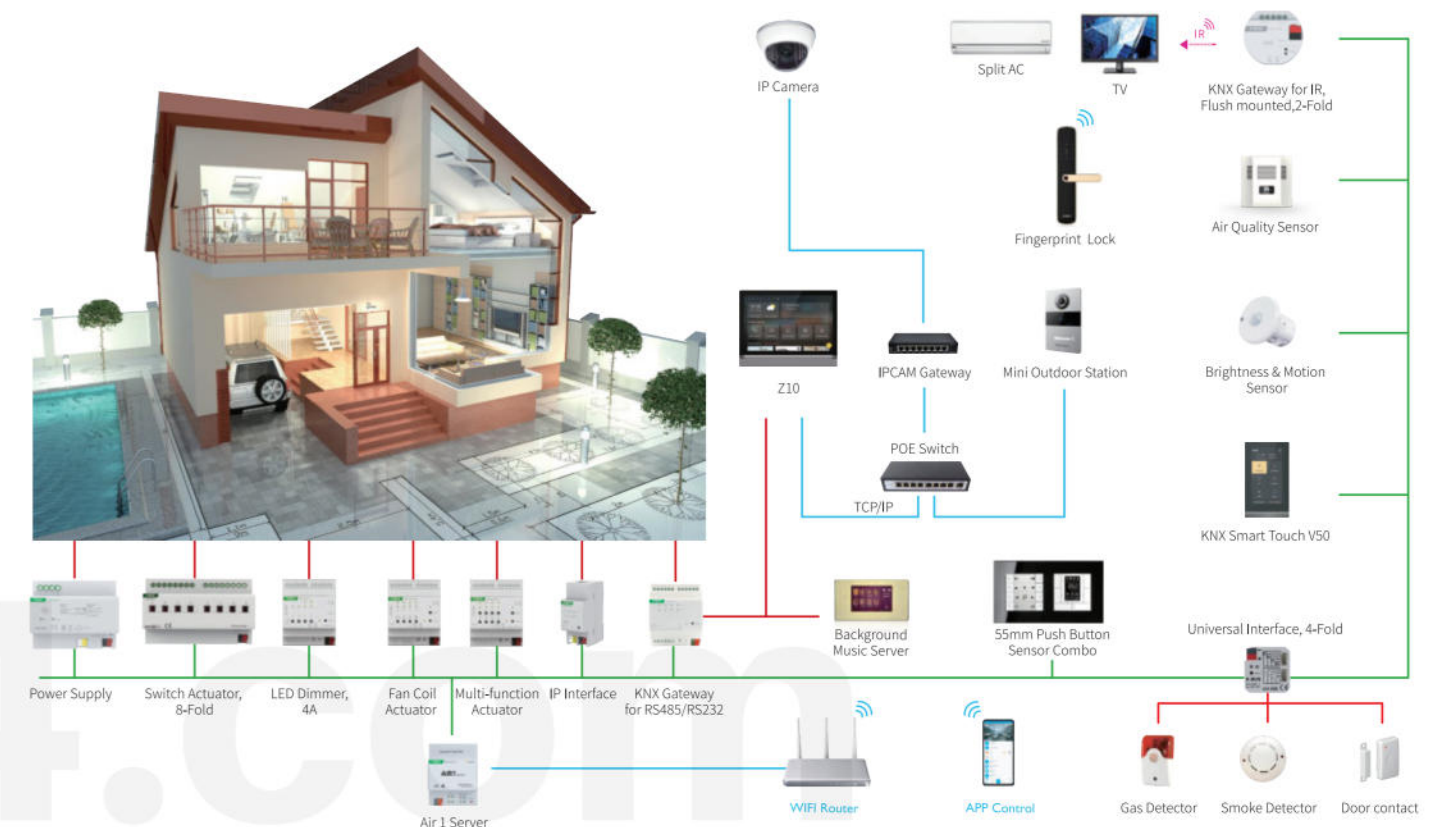
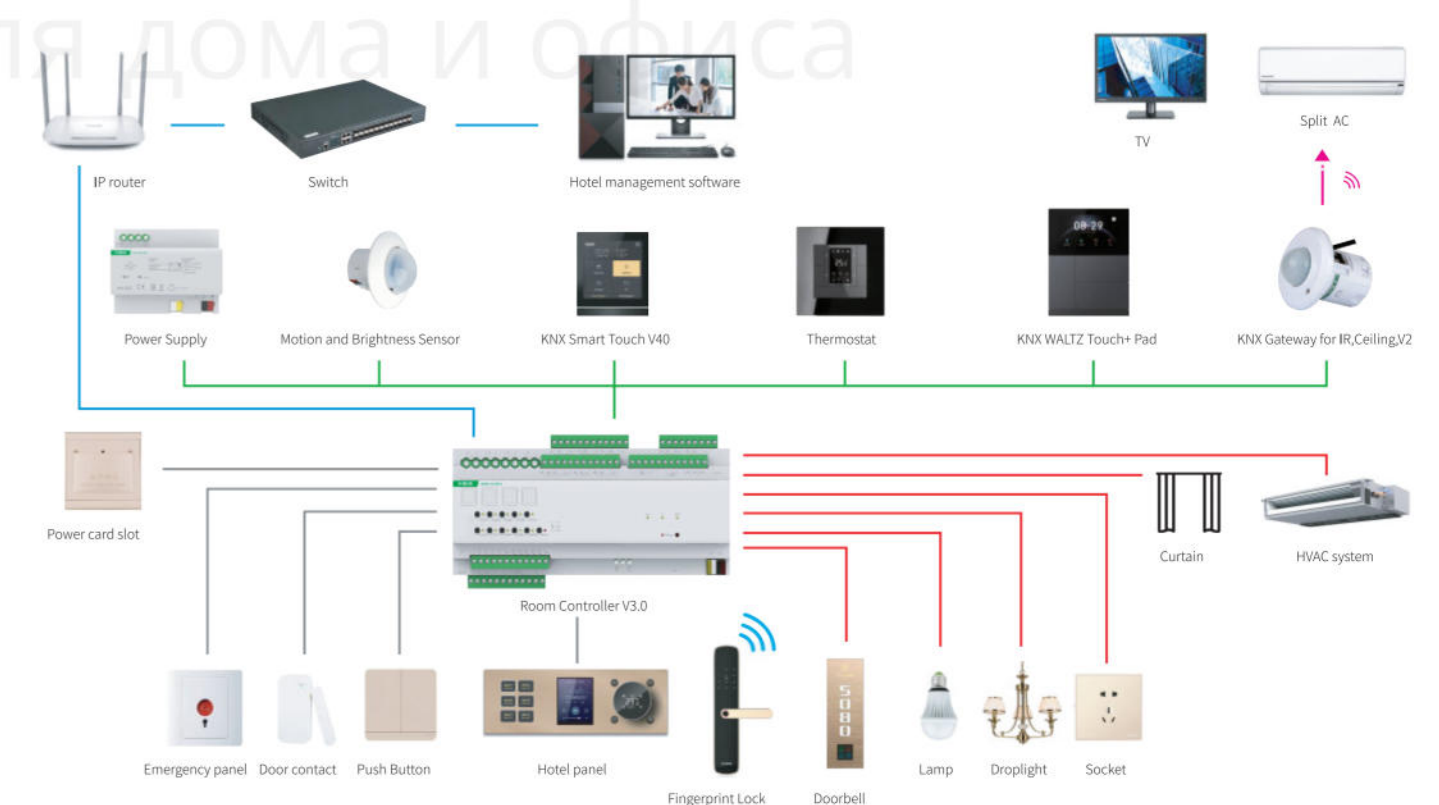FIVE-YEAR-PLAN for BSE launched with brand new GVS VI and vision.

Product Series

KNX Home & Building Control System
P. 004 - P. 011

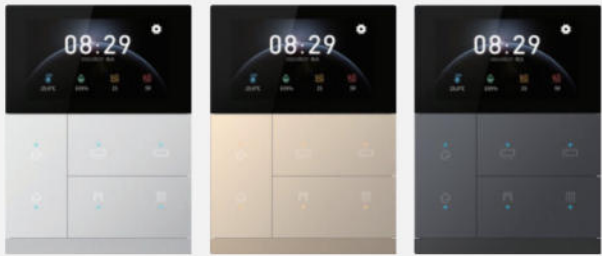## KNX Smart Home Solution

IP Camera

Split AC

TV

KNX Gateway for IR, Flush mounted,2-Fold

Fingerprint Lock

Air Quality Sensor

Z10

IPCAM Gateway

Mini Outdoor Station

Brightness & Motion Sensor

POE Switch

TCP/IP

KNX Smart Touch V50

Power Supply

Switch Actuator, 8-Fold

LED Dimmer, 4A

Fan Coil Actuator

Multi-function Actuator

IP Interface

KNX Gateway for RS485/RS232

Background Music Server

55mm Push Button Sensor Combo

Universal Interface, 4-Fold

Air 1 Server

WIFI Router

APP Control

Gas Detector

Smoke Detector

Door contact

KNX Smart Hotel Solution

IP router

Switch

Hotel management software

TV

Split AC

Power Supply

Motion and Brightness Sensor

KNX Smart Touch V40

Thermostat

KNX WALTZ Touch+ Pad

KNX Gateway for IR,Ceiling,V2

Power card slot

Room Controller V3.0

Curtain

HVAC system

Emergency panel

Door contact

Push Button

Hotel panel

Fingerprint Lock

Doorbell

Lamp

Droplight

Socket

KNX WALTZ Touch⁺ Pad

Plastic: CHTFB-3.0/6.1.02   Metal: CHTFB-3.0/6.1.22
         CHTFB-3.0/6.1.03   CHTFB-3.0/6.1.23
         CHTFB-3.0/6.1.04   CHTFB-3.0/6.1.24

NEW!

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, 3 classic colors available

Celestial Silver   Splendorous Golden   Mystical Gray

KNX WALTZ Push Button Pro

NEW!

Metal: CHPB-04/02.1.2x   (x=2, 3, 4: colors)
       CHPB-06/02.1.2x
       CHPB-08/02.1.2x

Function:

· Latest elegant KNX push buttons for WALTZ Series
· Push Buttons adjustable for 1 or 2 button operation
· Aluminum frame and buttons of plastic/aluminum and 3-color options
· Built-in voice control and 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, 3 classic colors available

KNX Push Button Sensor Plus, 55mm

CHPLE-0x/02.y.00
(x=1, 2, 3, 4 means 1~4-fold buttons) ; (y=1, 2 means shiny/matt finish)

Function:

· 100% fits 55mm systems:
  - GIRA Standard 55, E2, E22, Esprit   - JUNG Aplus, Acreation, A500, AS500
  - MERTEN 1M., M-Pure, M-Smart   - BERKER B3, B7, S1
· 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.
· Centered title block with cover film for customized marking
· Supporting ring included for installation, integrated bus coupling unit
· 3 years' warranty, matt/shiny finish available, white/ashy grey available

KNX Multi-functional Thermostat,55mm

CHTPB-04/00.1.00   CHTPB-04/00.2.00   CHTPB-04/00.2.01

Function:

· 100% fits 55mm systems:
  - GIRA Standard 55, E2, E22, Esprit   - JUNG Aplus, Acreation, A500, AS500
  - MERTEN 1M., M-Pure, M-Smart   - BERKER B3, B7, S1
· Support operation lock function
· Support HVAC control, AC control, VMC control, floor heating control
· Support all KNX push button functions
· Support 4 event group functions and 8 logic functions
· Built-in temperature sensor and 2-fold PT1000 interfaces
· 3 years' warranty, white/ashy grey available

KNX Smart Touch Z10

A-IS03   A-IS04

Starry Grey   Aurora Red

Function:

· Smart touch panel for both KNX and video intercom
· Aesthetic design with aluminum faceplate
· 10.1 inch colored IPS touch screen, 1280x800 resolution
· Support both map-view and list-view of all KNX functions
· Colored breathing light adjustable for color temp and brightness
· 8 time functions, 4 event group functions and 8 logic functions
· Switching, dimming, curtain control, HVAC and other KNX functions
· Support German standard twin-60mm wallbox installation
· Starry grey and aurora red available

KNX Smart Touch V50

BV: CHTF-5.0/15.3.21   BH: CHTF-5.0/15.4.21
SV: CHTF-5.0/15.3.22   SH: CHTF-5.0/15.4.22

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 sensor
· Available with two colors silver & black , two types vertical & horizontal
· Supporting ring included for installation, perfectly fits 60mm/86mm wallbox

Classic Black   Celestial Silver

KNX Smart Touch V40

CHTF-4.0/15.3.21   CHTF-4.0/15.3.22

Function:

· Standard KNX Touch Panel with database & certificate
· 4" colored capacitive IPS touch screen, resolution 480*480
· 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 sensor
· Available with two colors silver & black , two types vertical & horizontal
· Supporting ring included for installation which fits 60mm/86mm wallbox

Classic Black   Celestial Silver

KNX Multi-functional Actuator Mini, Flush Mounted

NEW!

AMMAF-03/06.1

Function:

The multi-function actuator mini is meant to be used for simple or renovated KNX installations. Outputs of devices in this series can be flexibly set as switch, AC curtain, fan coil or valve control. Different output functions can be selected and configured via parameter setting in ETS.

- Switch output
- Curtain output
- Valve control
- Dry input detection
- Fan control
- Heating control
- Drive LED indicator

AIR 1 Server Gateway

NEW!

BTAS-KNX/485.2

Function:

AIR 1 Server Gateway is the critical hardware for GVS remote control solution for KNX building automation. With AIR 1 Server properly connected and configured in a KNX installation, the user will be able to control all smart home functions remotely from either phone, tablet or PC. It is a perfect integrated solution for condo, residential houses and even commercial buildings.

- Standard KNX gateway for phone/tablet/PC APP control
- Easy configuration with PC software
- Support customized scenarios for end users
- Support cloud service with remote control of WIFI/3G/4G/5G

Picture	Name / Model	Installation / Dimension	Function
	KNX Smart Touch Z10 A-IS03	Product size: 186.8×240×40mm Coupler size: fits 86×86×60mm	Smart touch panel for both KNX and video intercom Aesthetic design with aluminum faceplate 10.1 inch colored IPS touch screen, 1280x800 resolution Support both map-view and list-view of all KNX functions 8 time functions, 4 event group functions and 8 logic functions Switching, dimming, curtain control, HVAC and other KNX functions
	KNX Smart Touch V10 CHTF-10.1/20.1.21 CHTF-10.1/20.1.24	206×305×28mm	10.1 inch color IPS touch screen, 1280*800 resolution Aesthetic design and aluminium made 8 time functions, 4 event group functions, 8 logic functions Switching, dimming, curtain control, HVAC and other KNX functions
	KNX Smart Touch V50 BV: CHTF-5.0/15.3.21 SV: CHTF-5.0/15.3.22 BH: CHTF-5.0/15.4.21 SH: CHTF-5.0/15.4.22	148×86×12.5mm	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 sensor Supporting ring included for installation, fits 60mm/86mm wallbox
	KNX Smart Touch V40 CHTF-4/15.3.21 CHTF-4/15.3.22	90×86×32mm	Standard KNX Touch Panel with database & certificate 4" color capacitive IPS touch screen, resolution 480*480 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. Supporting ring included for installation, perfectly fits 60mm/86mm wallbox
NEW!	**KNX WALTZ Touch⁺ Pad** CHTFB-3.0/6.1.xx CHTFB-3.0/6.1.xx CHTFB-3.0/6.1.xx	115×86×34.7mm	IPS capacitive touch panel & mechanical button 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.
NEW!	**KNX WALTZ Push Button Pro** CHPB-04/02.1.2x CHPB-06/02.1.2x CHPB-08/02.1.2x (x=2, 3, 4: colors)	86×86×33mm	Latest elegant KNX push buttons for WALTZ Series Push Buttons adjustable for 1 or 2 button operation Aluminum frame and buttons of plastic/aluminum and 3-color options Built-in voice control and 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, 3 classic colors available
	Push Button Sensor Plus, 1/2/3/4-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)	70.8×70.8×18.7mm	Switching and dimming — Logic functions Shutter control — Event Group function Value sending — Matt and shiny finish RGB and RGBW dimming — LED indication, label instruction Built-in Temperature sensor — White and ashy grey available
	KNX Multi-functional Thermostat, 55mm CHTPB-04/00.1.00 CHTPB-04/00.2.00 CHTPB-04/00.2.01	70.8×70.8×19.3mm	Support operation lock function Support HVAC control, Air conditioning control,Floor heating and ventilation control Support push button functions: switch, dimming, curtain, scene, value send function Support 4 event group functions and 8 logic functions Built-in temperature sensor and 2-fold PT1000 interfaces

Picture	Name / Model	Installation / Dimension	Function	
	KNX 2/4/6-Button Touch Switch CHTB-02/01.2.2x CHTB-04/01.2.2x CHTB-06/01.2.2x (x=0, 2, 4)	DIN rail 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 Switch Actuator, 4/8/12-Fold, 16A (Normal)　(Current Mnt) KA/R 0416.2　ARCD-04/16.2 KA/R 0816.2　ARCD-08/16.2 KA/R 1216.2　ARCD-12/16.2	DIN rail 90×72×64mm 90×144×64mm 90×216×64mm	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.	
NEW!	**KNX Multi-functional Actuator, 4/8/16/24-Fold** Switch/Shutter/Fancoil AMMA-04/06.1 AMMA-08/10.1 AMMA-16/10.1 AMMA-24/10.1	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	
	KNX SCR Dimming Actuator, 2/4-Fold, 300w/ch KA/D 0215.S.1 KA/D 0415.S.1	DIN rail 144×90×64mm 216×90×64mm	Switching Relative dimming Absolute dimming Status report, error report Up to 15 scenes setting Preset and set preset function	Staircase lighting function Support set Brightness value after bus voltage recovery Leading edge phase cut dimming Adjust dimming curve via manual buttons Manual operation and status indication
	KNX 1-10V Dimming Actuator ADTV 04/16.1	DIN rail 90×144×64mm	Switching Relative and absolute dimming Status report, error report Scene and preset function	Staircase lighting function Preset a Brightness value after bus voltage recovery Passive DC 0/1-10V drive mode Manual operation and status indication
	KNX LED Dimming Actuator, 4-Fold, 4A ADLD-04/03.1	DIN rail 90×72×64mm	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 Fan Coil Controller, 0-10V AFVFT-07/10.1	DIN rail 90×72×64mm	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 Shutter Actuator V2, 4-Fold AWBS-04/06.2	DIN rail 90×72×64.1mm	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 Room Controller V3.0 AMRP-41/05.3	DIN rail 216×90×64mm	Dry contact and binary inputs LED indications Switch/shutter outputs Traic dimming	Fan coil output 0-10V dimming Logic, Time and Scene group functions Support KNXnet/IP tunneling/ routing
NEW!	**KNX Multi-functional Actuator Mini, Flush Mounted** AMMAF-03/06.1	Flush Mounted 53×48.3×23.5mm	Switch output Curtain output Valve control Dry input detection	Fan control Heating control Drive LED indicator

Picture	Name / Model	Installation / Dimension	Function	
	KNX Air Quality Sensor V2 CSAQI-06/00.1.00 CSAQI-06/00.1.01	86×86×48.3mm	PM2.5, PM10, VOC,AQI,CO2 detection and display Temp,humidity detection and display Warning for value detection Heating or cooling control output	Built-in ventilation controller Logic control functions VOC,CO2, alarm output AQI,Humidity level alarm output
	Presence Sensor with Constant Lighting CSBPC-02/00.1	Ceiling-Mounted wall-mounted 88×63mm	Illumination measure: 0 lux~65535 lux Movement detector range: mounting height * 2, max. diameter is 8m Logic (AND, OR, XOR) function; support master-slave interworking Output with 3 data types, the output values can be sent cyclically Illumination/movement detection disabling and logic disabling	
	Motion and Brightness Sensor-8M CSBP-02/00.2	Ceiling-Mounted 90×64×36mm	Motion or Presence detector can be integrated control with ambient brightness Sequence operation for the motion Motion or Presence detector can be integrated Brightness and motion detection Master-slave detector function	
	KNX IR Transmitter V2 (ceiling type) 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 IR Transmitter 2-Fold V2 (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	
	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 Universal Interface, 4-Fold KI/U0401.1	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, 4/8-Fold CTUI-04/04.1 CTUI-08/08.1	46×46×11.7mm	Switching and dimming Control of blinds and shutters Sending of values, e.g. water line、brightness Recall and storage scene 12V LED indication	Switching sequence Counter Multiple operation LED indication output
	KNX Binary Input for floating contact, 4/8/16-Fold CTBIF-04/00.1 CTBIF-08/00.1 CTBIF-16/00.1	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
	KNX Binary Input, 4-Fold CTBI-04/00.1	DIN rail 90×36×64mm	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

Product List

Picture	Name / Model	Installation / Dimension	Function
	KNX/IP Interface BNIP-00/00.1	DIN rail 36×90×64mm	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
	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 some audio hosts unit in china manufacturers, such as backaudio, Yodaar, MiYue, cnWise, etc.
NEW!	**KNX/DALI Gateway, 1/2-Fold** BTDG-01/64.1 BTDG-02/64.1	DIN rail 90×72×64mm	Two-channel gateway with broadcast function 64 DALI devices per channel for single device, 32 DALI group control per channel Various status feedback, e.g. switch, brightness, operation hours etc. Fault detection of lamps and ballasts for DALI devices Monitoring DALI bus voltage, DALI bus current and DALI bus short circuit status
NEW!	**Air1 Server Gateway** BTAS-KNX/485.2	DIN rail 108×90×64mm	Standard KNX gateway for phone/tablet APP connection Support standard Tuya wireless protocol devices Support customized scenarios for end users Support cloud service with remote control of WIFI/3G/4G/5G
	AirHome Remote Pro (APP for remote control)	iOS download: iOS Appstore Android download: Googleplay Huawei Galaxy Xiaomi Market GVS website	Standard KNX gateway for phone/tablet/PC APP control Easy configuration with PC software Support customized scenarios for end users Support cloud service with remote control of WIFI/3G/4G/5G
	KNX Gateway for Tuya ZigBee BTMO-TY/00.1 BTMO-TY/00.2	36×90×64mm	As a ZigBee Gateway function, it can connect to Tuya Cloud, and add ZigBee device to the cloud Integrate ZigBee sensor detection data to KNX system Support uploading KNX devices to Tuya platform for management, to control KNX device and display status Support KNX devices functions, including Lighting, Curtains, Scenes, Temperature Control, Air Conditioning, Background Music, Ventilation system, Air Quality and Energy Metering display Logic functions
	KNX USB Interface BNUS-00/00.1	77×20×18mm	An interface between PC and KNX bus to configure, parameterize and commission KNX bus
	KNX IP Router BNIPR-00/00.1	DIN rail 36×90×71mm	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
	KNX Line Coupler BNLC-00/00.1	DIN rail 36×90×71mm	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 Power Supply KP/D30.640.1	DIN rail 90×108×64mm	Input voltage: 95V ~255 Vac，47~63Hz 1 fold auxiliary voltage output Sustained short-circuit current: < 1.3 A Output staus display Rated current: 640mA, short-circuit-proof Reset function

Product Series

Video Intercom System
P. 013 - P. 023

IP Video Intercom System Briefing

High-rise residential building

Medium-size residential building

Villa

Commercial-residential complex
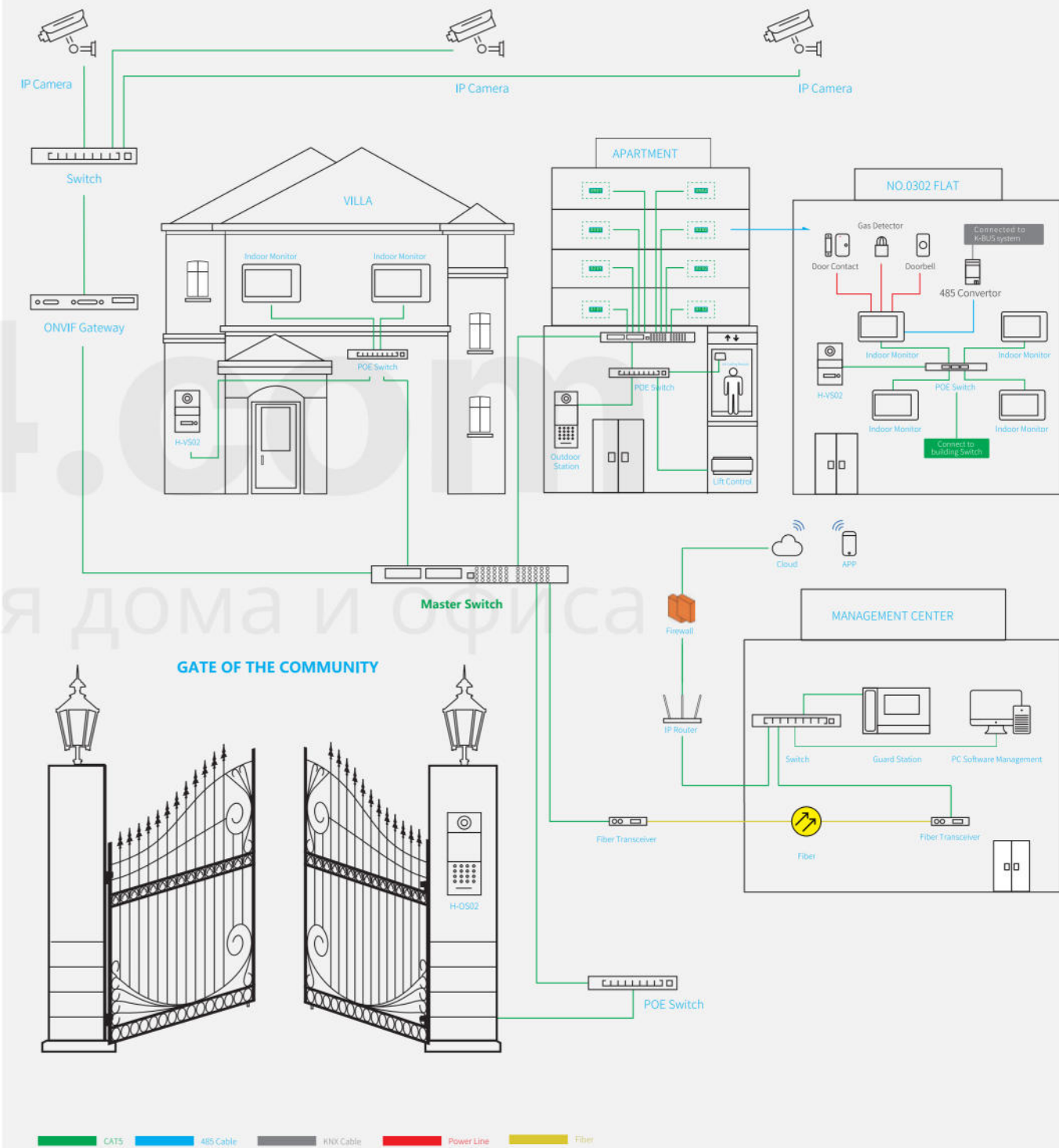

Commercial Building

Apartment

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 Diagram

7" Touch Outdoor Station Binocular

H-OS16

Function:

- 2 megapixel HD camera
- Aesthetic design with aluminum faceplate
- Face recognition with approximite detection
- 7" LCD Display with sensitive touch panel
- Door status detection
- Fill-in light with high luminance LED
- Support IC Card
- Support normal-close /normal-open
- Support standard 48V POE

NEW!

4.3" IP Outdoor Station

H-OS09

Function:

- 2 megapixel 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
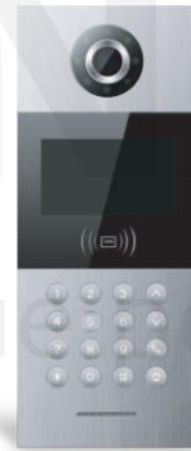- Support normal-close /normal-open
- Support standard 48V POE
- Random password unlock and QR code unlock *

* Cloud intercom APP is required

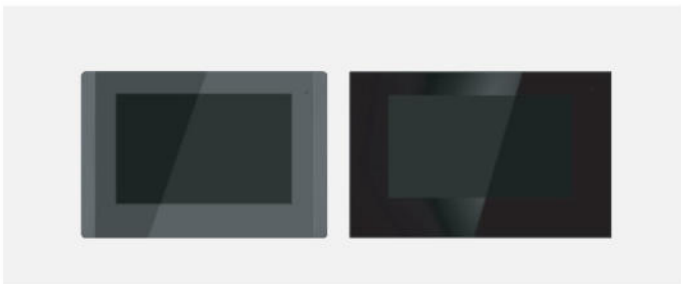| Face recognition | Name list management | Cloud intercom APP | 2MP Camera | IP54 |

Mini Outdoor Station

H-VS02

Function:

- Aluminum panel
- Working voltage: DC 24V (support POE)
- Support IC card
- Support intercom function
- Support tamper alarm
- IPX4 waterproof

10.1 " Indoor Monitor

- 10.1" glass capacitive touch screen
- Support optional 24V / 48V POE
- Automatic photo capture
- Support intercom function
- Support call diverting
- Easy GUI customization
- Support KNX home automation connection

○ H-IS06   ● H-IS19
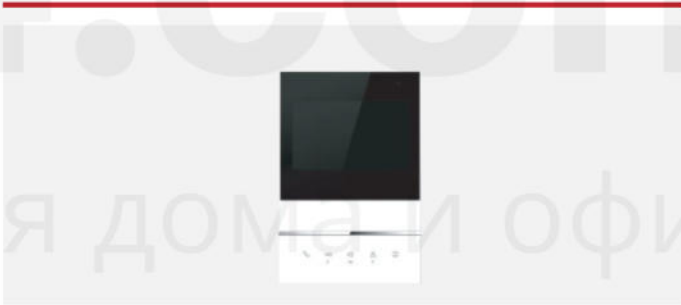
7 " Indoor Monitor

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

○ H-IS07   ● H-IS10

4.3 " Indoor Monitor

○ H-IS02

- Working voltage: DC 24V (support 24V POE)
- Protocol: Standard TCP/IP
- 4.3" TFT with advanced display effect
- Automatic photo capture
- Support intercom function
- Sensitive touch key, cost-effective version

Audio Phone

○ H-IS14

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

IP Camera Gateway

● H-CG01

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

Lift Control Module

○ H-LC02

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

Lift Calling Module

○ H-LC01

- Working Voltage：DC 24V (support POE)
- Calling from lift to Guard Unit

Access Control Card Reader

● H-CR01

- Max 10,000 resident IC / ID cards
- Support public password unlock
- Door status detection and timeout alarm

7" IP Outdoor Station

· 2 megapixel 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 normal-close /normal-open
· Support standard 48V POE
· Random password unlock and QR code unlock *
· Cloud intercom APP is required

● H-OS06

KNX Smart Touch Z10

· Smart touch panel for both KNX and video intercom
· Aesthetic design with aluminum faceplate
· 10.1 inch colored IPS touch screen, 1280x800 resolution
· Support both map-view and list-view of all KNX functions
· Support optional 48V POE power & auxiliary 24V power
· Automatic photo capture, easy GUI customization
· Support intercom function
· Support call diverting

● A-IS03

7" Indoor Monitor

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

○ H-IS16W   ● H-IS16B

10" Guard Unit

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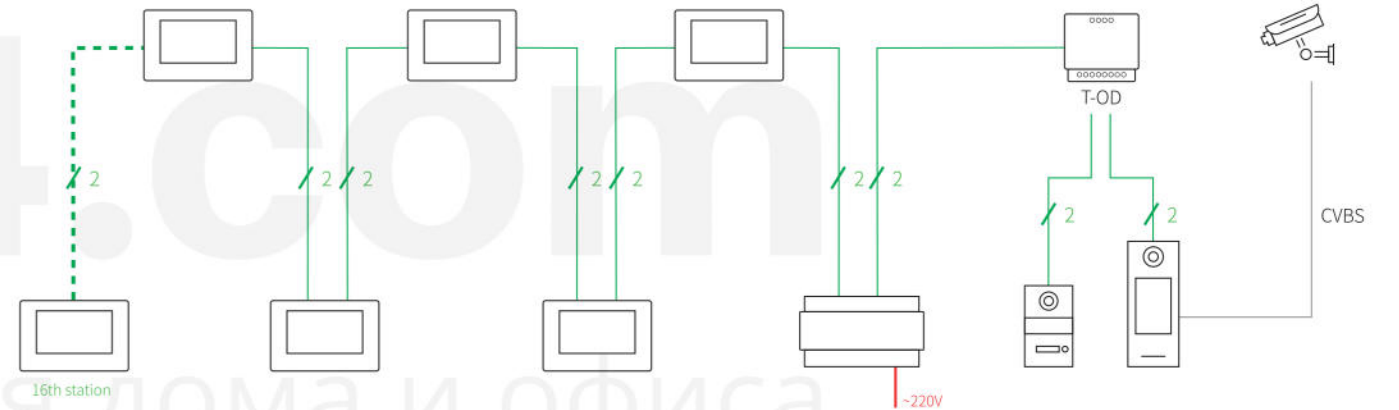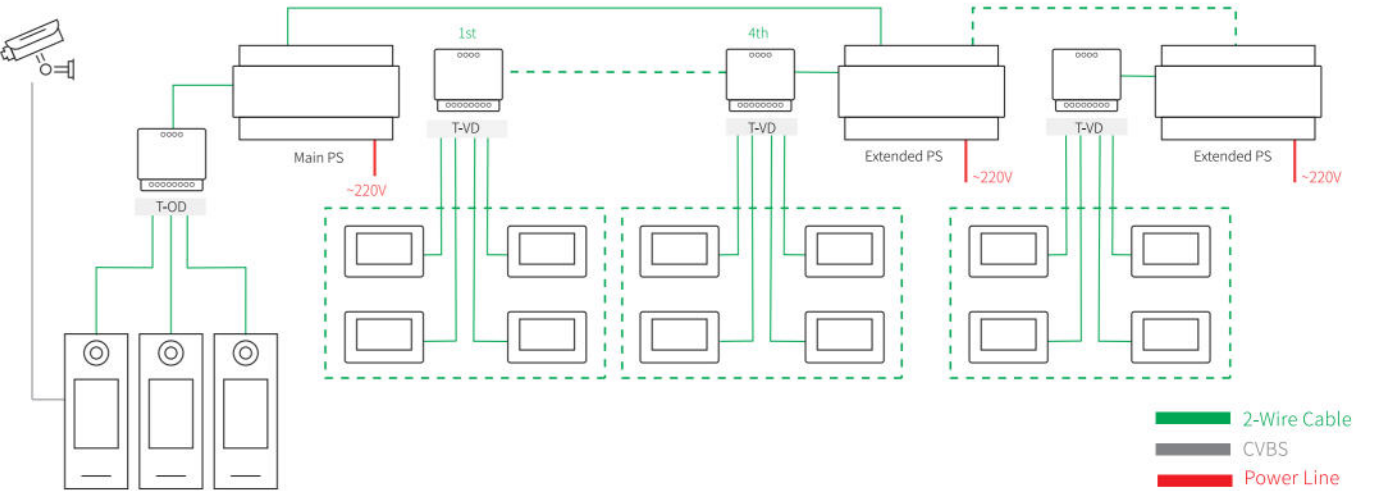· PC Manayement system included

○ H-GU02

Two-Wire video door phone system

The T Series 2-wire analog video door phone solution is a stable & economic system which supports both audio/video intercom, access control, CCTV surveillance and all other intercom functions, capacity of the system is excellent with:

· Up to 128 indoor monitors
· Up to 3 outdoor stations in one system
· Up to 160 meters from door station to the last monitor

Serial connection for single house/villa

Star connection for apartment

2-Wire Cable
CVBS
Power Line

7" 2-wire Touch Outdoor Station

T-OS02

Function:

- 7" capacitive touch screen design
- Aesthetic design with Aluminium panel
- Support analogue camera surveillance by built-in interface
- Support 2-wire centralized power supply
- Flexible GUI customization
- Name list program through 2-wire bus
- IC Card reader
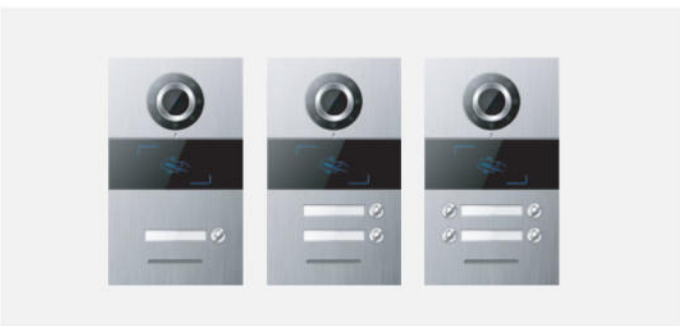- Main page can be configured as keypad or name list type
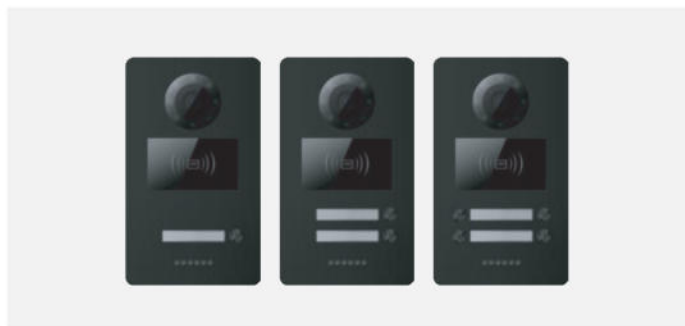
2.8" Keypad Outdoor Station

T-OS07

Function:

- Classic Aluminium panel
- Support analogue camera surveillance by built-in interface
- Support 2-wire centralized power supply
- Support Name list
- IC Card reader

○ T-OS01/T-OS03/T-OS04

Mini Outdoor Station

- IC card reader
- Support unlock button interface
- Support white led light supplement
- IPX4 waterproof
- Flush mounted installation

● T-OS05/T-OS08/T-OS09

Mini Outdoor Station

- IC card reader
- Support unlock button interface
- Support white led light supplement
- IPX4 waterproof
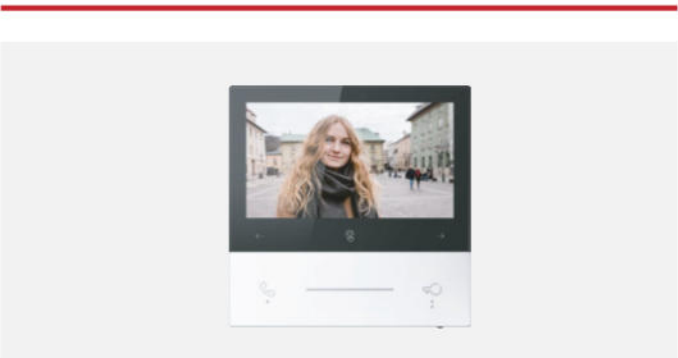- Flush mounted installation

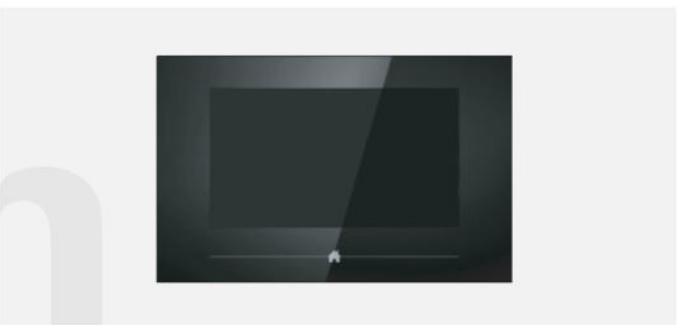
○ T-IS11

7" Indoor Monitor

- 7" glass touch screen and nice touch keys
- Video intercom, monitoring and unlock
- Optional with touch panel or touch key version
- Built-in power supply which saves budget
- Max.4 indoor monitors in one apartment
- Support TF card extention (2-32G)
- Support photo capture and video record
- Can be reused as guard unit when addressed as 200*
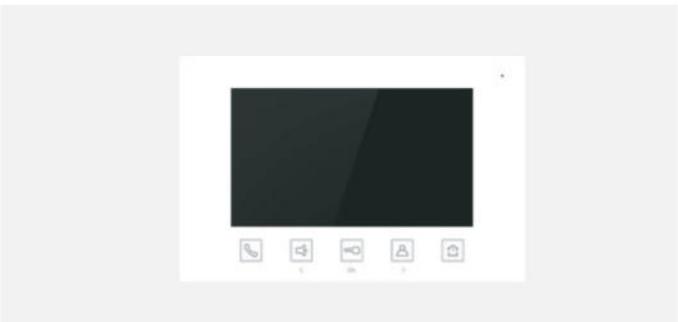- Built-in multi-languages

○ T-IS01

7" Indoor Monitor

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

○ T-IS06

7" Indoor Monitor

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

○ 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 intercom

Two-wire Video Intercom

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

· Alternative for LED light controlling

T-CI

Analogue Camera Interface

· For adding extra analogue cameras

· 3 channels available

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

T-Adaptor

Name List Tool

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

T-PS01-C

Power Supply

· Working voltage : AC100V~240V

· Output voltage : DC30V

· Support system power management

· Single power supply powers

· 32 indoor monitors maximum

T-PS02

Extended Power Supply

· Working voltage : AC100V~240V

· Output voltage : DC30V

· Supports max 16 indoor monitors for signal amplification

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

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NEW!

Way-2-Easy Kit Pro
2-wire intercom kit

7" Indoor Monitor

· 7" colored TFT display

· Full capacitive touch panel

· Elegant design

Outdoor Station

· IP54 · IK07

· Max. 2 apartments supported

· Easy and secured surface-mounting

Power supply

· Standar din-rail installation

· AC 100-240V, 50-60Hz, 600mA

· Support max 6 devices

NEW!

Way-2-Easy Kit Lite
2-wire intercom kit

7" Indoor Monitor

· 7" colored TFT display

· Touch key

· Elegant design

Outdoor Station

· IP54 · IK07

· Max. 2 apartments supported

· Easy and secured surface-mounting

Power supply

· Standar din-rail installation

· AC 100-240V, 50-60Hz, 600mA

· Support max 6 devices

Monitor Selection Table

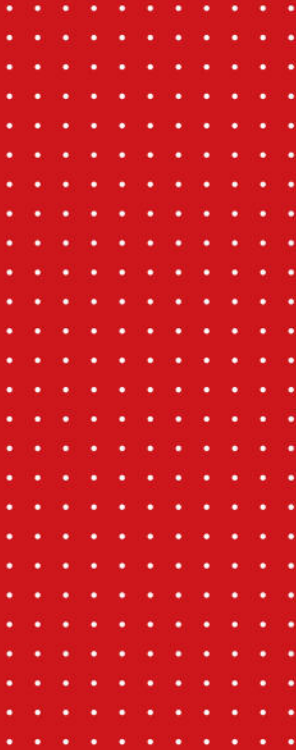|	H-IS14	H-IS02	H-IS07	H-IS11	H-IS16	H-IS06	H-IS19	T-IS06	T-IS04	T-IS05	T-IS01	T-IS07	T-IS11
Screen size	/	4.3"	7"	7"	7"	10.1"	10.1"	/	4.3"	7"	7"	7"	7"
Color	White	White/Black	White/Black	Silver/Black	White/Black	Golden/Silver	Black	White	Black	White	White	White/Black	White/Grey
Power supply mode	24V PoE	24V PoE	24V/48V PoE	24V/48V PoE	48V POE	24V/48V PoE	48V POE	2 wire PS 3 0V	2 wire PS 3 0V	2 wire PS 3 0V	2 wire PS 3 0V	2 wire PS 3 0V	2 wire PS 3 0V
Touch screen	/	/	Yes	Yes	Yes	Yes	Yes	/	/	/	Yes	Yes	Yes
Picture memory	/	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
Dimension WxHxD(mm)	209.9x79.9x52.8	180x123x20.5	220x140x17.5	200x130x14.9	220x140x17.5	305x206x28	305x206x28	209.9x79.9x52.8	180x120x19.5	220x140x24	220x140x24	220x140x24	179.61x179.61x25
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			

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.

Smart Istanbul Residential Community

- ⊚ Location: Istanbul, Turkey
- ▣ Project Type: Residential
- ▢ Size: 3000 Residence

As the biggest residential community in the capital city, the best smart community solution is required for a better living and management. By using GVS IP video intercom system, it offers a stable & reliable solution for the video intercom among visitors, residence and security guard. What's more, it also makes this huge community closly connected & smarter with features of alarm, surveillance, face recognition, remote APPs, lift control, QR code unock etc.
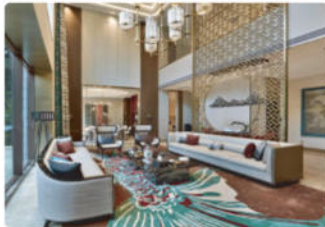
Résidence Marcel Marlier
Tournai, Belgium

Yun Shan Shi Yi Community
Guangzhou, China

Seri Pilmoor 110 Villas
Kuala Lumpur, Malaysia

HuaYuan·Dayi Resort
Guangzhou, China

JIN MAO
Palace Condominium

- Location : Guangzhou, China
- Project Type : high-end condominium
- Size : 2400+ condo apartments

CHINA JIN MAO GROUP, as a Fortune 500 Company, is one of the biggest real estate and hotel investment group company in China. As s strategic partner of JIN MAO group, GVS has successfully helped the real estate giant in its condominium projects in Shenzhen, Guangzhou, Fuzhou, Xianmen and other big cities in China. With a combination of GVS tailored switches and solutions based on KNX home and building automation system, the high-end condos nowadays produced by JIN MAO are leading the real estate industry with smart home conception.

KL Eco City

- Location : Kuala Lumpur, Malaysia
- Project Type : Commercial-Residential Complex
- Size : 500+ apartments

As special commercial & residential complex, the KL Eco City in Malaysia has planned quite environmentally friendly systems, among which KNX is one of the most important system. Over a thousand and half pcs of KNX devices from GVS have contributed to the automation of the building, helping the project win the first GBI Gold Medal in Malaysia.

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 technologyy.

InterContinental Hotel
Wuxi, China

Falkensteiner Schlosshotel
Austria

Herbarium Hotel & SpA
Gmina Gąsawa, Poland

W Hotel
Guangzhou,China

GVS

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

Ji' nan Maternal and Child Healthcare Hospital

- Location : Ji' nan, 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?

Bedside Monitor

Infusion Monitoring

Nurse Answer-back Handset

Ward Access Panel

Nursing Station Central Display

Nurse Station Answering Machine

Inpatient Room

Nurse Station

Ward Gallery