V 5.0

Smart Building Control Systems by GVS :

KNX/EIB System

Video Door Phone System

Catalogue

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

7" IP Outdoor Station
Cutting-edge face recognition IP door communication system
→P.019

KNX Push Button Sensor Combo, 55mm System
Classic KNX-based standard 55mm push button combo
→P.005

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GVS Since 1999

Established in 1999, GVS GROUP has been devoting itself into R&D of KNX building control system as well as video door phone solution. With its highlighted capability in display (CRT/TFT) development and manufacture, the group has long been in the first rankings of suppliers for both KNX building control system as well as IP/2-Wire Video Door Phone system. As the FIRST native BOARD MEMBER of KNX CHINA and first-ranking VDP supplier, GVS GROUP will continuously contribute to both industries in the coming decades…

GVS - A company with histroy

In 1999

GVS was established.

In 2008

GVS became the first Chinese KNX member in China.

In 2011

GVS KNX Training Center established with the first KNX Tutor Course held.

In 2013

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

Company Profile

Video Door Phone Pathfinder

Dated back to 1999, GVS started with audio intercom module business, later switched to video intercom module (CRT) then continuously into TFT module; for integrated VDP, GVS started with analog system and laster also IP system with perfect integrated with home automation functions. All in all, GVS has never stopped on the way of exploration and innovation.

As a key supplier for display modules , GVS has supported 50% of the video door phone business globally, which makes GVS one of the biggest suppliers in this business line.

Professional Manufactory

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

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

Production Capacity (annually): TFT 3 million pcs, TFT display module 1.5 million pcs, KNX device 10million pcs.

In 2015

GVS became the first native council member of KNX China national Group.

In 2017

GVS successfully became a public company by entering into the New OTC Market.

In 2018

GVS became the first native chairman of KNX CHINA, after a rotation chairman of ABB, Siemens, Schneider, Hager.

NATIONAL KNX GVS Chairman

In 2019

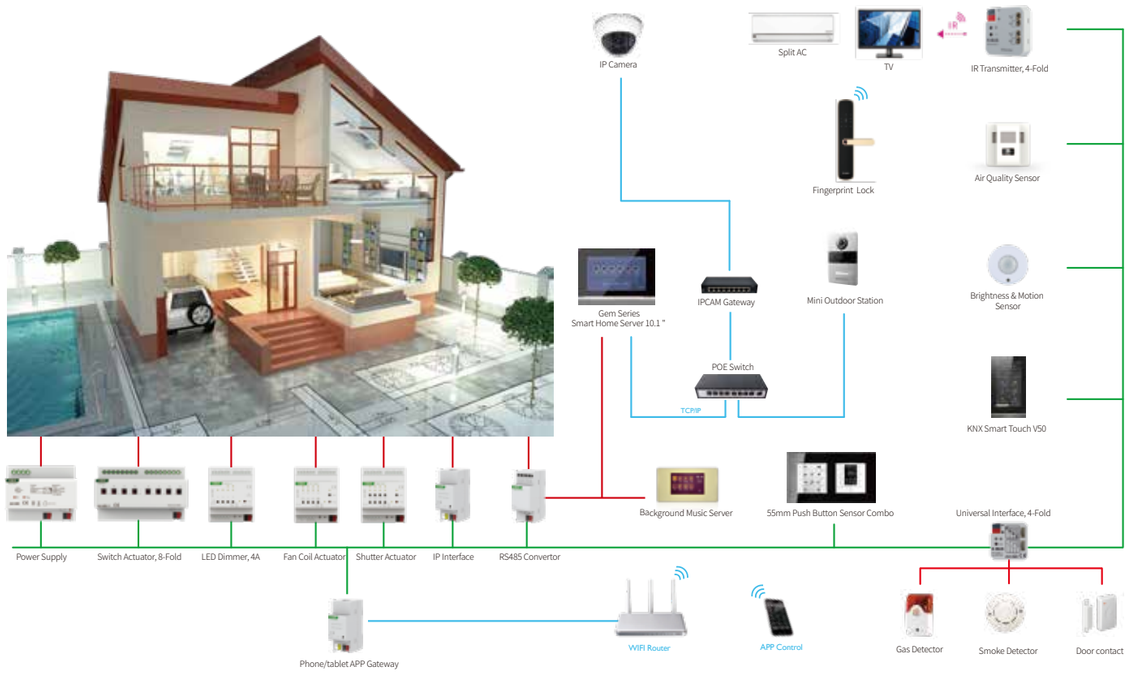
Smart healthcare business line is set up. Meanwhile in San Francisco, a consumer business unit bradning Vine is getting popular in NA market.

vine

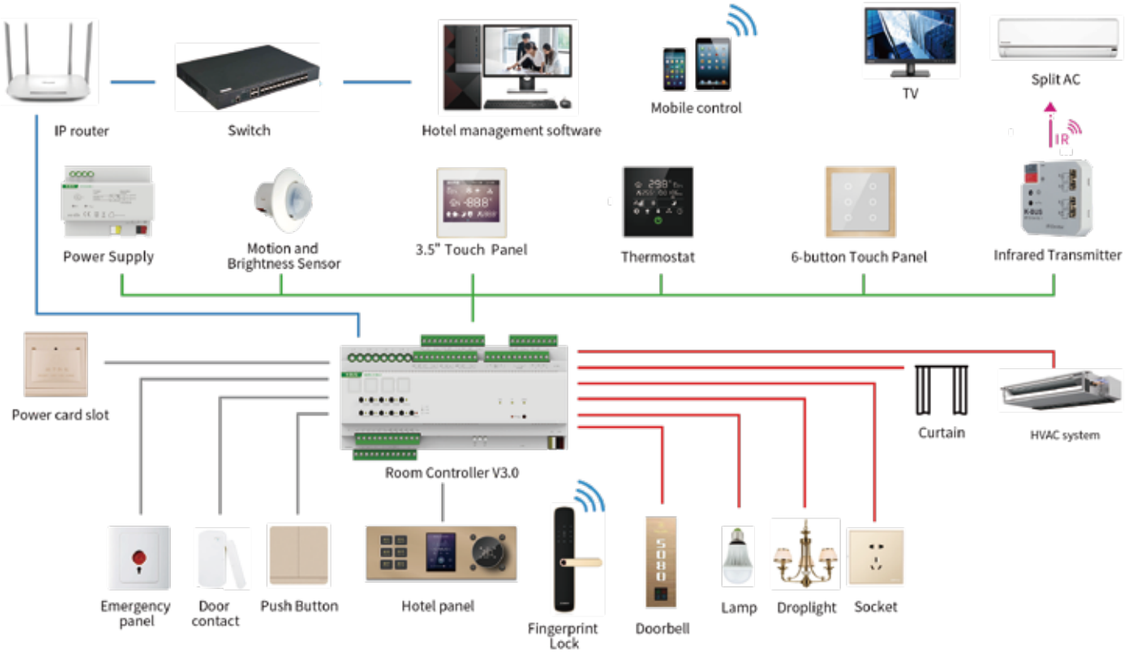
Product Series

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

KNX Home Automation Solution



KNX Hotel Automation Solution



NEW!

Push Button Sensor Plus, 1/2/3/4-Gang

1-Gang , CHPLE-02/02.x.00　　3-Gang , CHPLE-06/02.x.00
2-Gang , CHPLE-04/02.x.00　　4-Gang , CHPLE-08/02.x.00
(x=1, Shiny Finish; x=2, 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

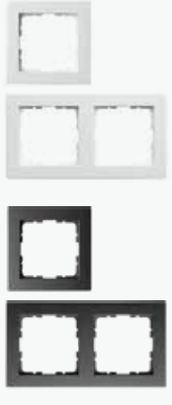
NEW!

KNX Multifunctional Thermostat,55mm

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

Function:

- 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
- White/ashy grey available



Plastic Frame 1-fold

Dimension: 80*80mm

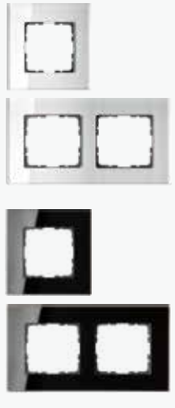
Function:

- 100% fits 55mm installation systems.
- White/ashy grey available.

Plastic Frame 2-fold
Dimension: 80*151mm

Plastic Frame 3-fold
Dimension: 80*222mm

Plastic Frame 4-fold
Dimension: 80*293mm



Glass Frame 1-fold

Dimension: 95*95mm

Function:

- 100% fits 55mm installation systems.
- White/black glass available.

Glass Frame 2-fold
Dimension: 95*166mm

Glass Frame 3-fold
Dimension: 95*237mm

Glass Frame 4-fold
Dimensio: 95*308mm

KNX Home and Building Control System

NEW!

Gem Series
10.1" Smart Home Server

A-IS01-G (Starry grey)　　A-IS01-P (Aurora red)

Function:

- Smart touch panel for both video intercom and KNX
- Aesthetic design and aluminium made faceplate
- 10.1 inch colored IPS touch screen, 1280x800 resolution
- Colored breathing light adjuestable 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 both wallbox mounting and bracket mounting
- Starry grey and aurora red available

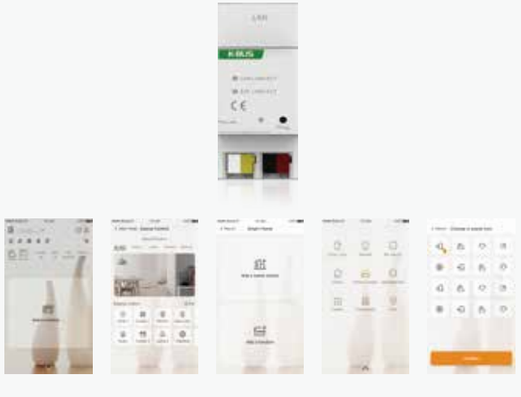
NEW!

KNX Smart Touch V50

CHTF-5.0/15.3.21 (Classic black)　　CHTF-5.0/15.3.23 (Starry grey)
CHTF-5.0/15.3.24 (Mocha Gold)

Function:

- Standard KNX device with database & certificate
- 5" colored 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 and humidity sensor
- Three color options: classic black/starry grey/mocha gold
- Supporting ring included for installation, fits 60mm/86mm wallbox



NEW!

EasyControl APP Gateway

BTMG-01/01.1

Function:

- 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

NEW!

KNX Room Controller V3.0

AMRS−41/05.3

Function:

- 5 folds of dry contact/binary inputs
- 5 channels of LED indications
- 21 folds of switch actuator, 4x16A, 21x6A
- 2 folds of shutter actuator
- 3 folds of 0-10V outputs
- 2 folds of triac dimmer
- Fan control of 3-level speed
- 2/4-pipe coil control
- PT1000 temp sensor interface
- KNX/IP tunneling/routing function

Switch

Lighting

Curtain

Air Conditioner

NEW!

Presence Sensor with Constant Lighting

CSBPC−02/00.1

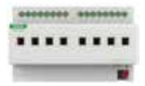
Function:

- 2-level light control for switching
- Constant lighting control for dimming
- Support to be used as single or master/slave detector
- Three functional block for presence, motion and HVAC
- Brightness measurement with an independent light sensor
- Motion and presence detector which can be locked or released

Product List

Picture	Name / Mode	Installation / Dimension	Function
NEW!	**Gem Series 10.1 " Smart Home Server** A-IS01-G A-IS01-P	290 × 180 × 22mm	▪ Smart touch panel for both video intercom and KNX ▪ 10.1 inch colored IPS touch screen, 1280x800 resolution ▪ Colored breathing light adjuestable 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 both wallbox mounting and installation ring mounting
	KNX Smart Touch V10 CHTF-10.1/20.1.21 CHTF-10.1/20.1.23 CHTF-10.1/20.1.24	206×305×28mm	▪ 10.1 inch colored 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
NEW!	**KNX Smart Touch V50** CHTF-5.0/15.3.21 CHTF-5.0/15.3.23 CHTF-5.0/15.3.24	148x86x12.5mm	▪ Standard KNX device with database & certificate ▪ 5" colored 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 and humidity sensor ▪ Supporting ring included for installation, fits 60mm/86mm wallbox
	KNX Smart Touch V35 CHTF-3.5/20.1.21 CHTF-3.5/20.1.22 CHTF-3.5/20.1.24	86x86x32mm	▪ Standard KNX device with database & certificate ▪ 3.5 inch color TFT, 240x320 resolution, capacitive touch screen ▪ 8 time functions, 4 event group functions and 8 logic functions ▪ Switching, dimming, curtain control, HVAC and other KNX functions ▪ Time and date display, password protection, proximity sensor
	Thermostatic Panel CHTC-86/01.1.21 CHTC-86/01.1.22 CHTC-86/01.1.24	86x86x11.6mm	▪ Capacitive touch screen with high-contrast display ▪ Temperature, humidity setpoint, heating /cooling, fan speed mode and time displays ▪ Built-in temperature and humidity sensor ▪ Support PI control and 2-point control ▪ Temperature and humidity threshold functions,Logical functions, timing functions ▪ Dry contact inputs and NTC temperature sensor
	Push Button Sensor, 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)	70.8x70.8x18.7mm	▪ Switching and dimming ▪ Shutter control ▪ Value sending ▪ RGB and RGBW dimming ▪ Built-in Temperature sensor ▪ Logic functions ▪ Event Group function ▪ Matte and shiny finish ▪ LED indication, label instruction ▪ White and ashy grey available
NEW!	**Multifunctional 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
	6-Buttons Touch panel CHTB-06/01.2.21 CHTB-06/01.2.22 CHTB-06/01.2.24	86x86x8.9mm	▪ 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

Product List

Picture	Name / Mode	Installation / Dimension	Function
	**Switch Actuator，16A 4/8/12-Fold** (Normal) (Current Mnt) KA/R 0416.1 ARCD-04/16.1 KA/R 0816.1 ARCD-08/16.1 KA/R 1216.1 ARCD-12/16.1	DIN rail 90×72×64mm DIN rail 90×144×64mm DIN rail 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 Multifunctional 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
	Switch/Shutter Actuator 12/24-Fold AMRW-24/10.1	DIN rail 216×90×64mm	**24 folds of Switch outputs:** ▪ Switch and Status response ▪ Time functions ▪ Logic operation and Forced operation ▪ Operation hours counter ▪ Reaction after bus voltage failure and recovery ▪ Manual operation and LED indication **12 folds of Shutter outputs:** ▪ Position adjustment and status response ▪ Support AC and Dry contact blind and shutter control ▪ UP/DOWN, Stop/Louvre adjustment ▪ Automatic sun protection ▪ Reaction after bus voltage failure and recovery ▪ Manual operation and LED indication for outputs
	Dimming Actuator 1/2/4-Fold KA/D0103.1 KA/D0203.1 KA/D0403.1	90×72×64mm DIN rail 90×144×64mm DIN rail 90×216×64mm	▪ 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 ▪ Trailing edge phase dimming
	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
	LED Dimming Actuator 4-Fold,350/700mA/1A KA/D 04.L1.1	DIN rail 90×72×64mm	▪ Switching ▪ Relative and absolute dimming ▪ Scene and preset function ▪ Staircase lighting function ▪ Constant voltage drive mode, status/error report ▪ Manual operation and status indication
	LED Dimming Actuator 4-Fold, 4A ADLD-04/03.1	DIN rail 90×72×64mm	
	Shutter Actuator, 4-Fold AWBS-04/00.1	DIN rail 90×72×64mm	▪ Support AC motor, Blind and Shutter controls ▪ Movement UP/DOWN, Stop/Louvre adjustment ▪ Position adjustment, Position status and ▪ Operation status response ▪ Weather protect, Block and Forced operation ▪ Scene and Preset function ▪ Automatic sun protection ▪ Manual operation and LED indication for outputs
	0-10V Fan Coil Actuator 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/protectmode ▪ Channels can be reused as switch output ▪ Manual operation and LED indication ▪ Support 3-wire PT1000 sensor

Product List

Picture	Name / Mode	Installation / Dimension	Function
NEW! 	**Room Controller V3.0** AMRP-41/05.3	DIN rail 216×90×64mm	▪ Dry contact and binary inputs ▪ LED indications ▪ Switch/shutter outputs ▪ KNX/RS485 Converter ▪ Fan coil output ▪ 0-10V dimming ▪ Logic, Time and Scene group functions ▪ Support KNXnet/IP tunneling/ routing
	Air Quality sensor CSAQ-00/00.1 CSAQ-00/00.2	86×86×33mm	▪ PM2.5, PM10, VOC detection and display ▪ Temp, humidity detection and display/control ▪ CO2 detection and display ▪ Warning for value detection ▪ Heating or cooling control ▪ Logic control functions
NEW! 	**Presence Sensor with Constant Lighting** CSBPC-02/00.1	Ceiling-Mounted Wall-mounted 88 x 63 mm	▪ 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
	Mounting IR Emitter BTIS-01/00.1	Ceiling-Mounted 91X82X76mm	▪ 360 degree transmitting, support up to 256 IR codes control with 1 bit or 1 byte object ▪ Support multi-sending and delayed-sending ▪ Support links up to 64 group addresses ▪ Each main function can include 5 slave functions ▪ Installation height is max.4m, the transmitting distance is max.5m (radius)
	IR Transmitter 4-Fold BTIS-04/00.1	Concealed installation 46×46×11.7mm	▪ 4 channels, up to 64 different IR codes per channel with 1 bit or 1 byte object ▪ Support multi-sending and delayed-sending ▪ Each channel support links up to 16 group addresses ▪ Each main function can include 5 slave functions ▪ The transmitting distance is max.2m
	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
	Universal Interface 4-Fold KI/U0401.1	46x46x11.7mm	▪ 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
NEW! 	**Universal Interface 4/8-Fold** CTUI-04/04.1 CTUI-08/08.1	DIN rail 46x46x11.7mm	▪ Switching and dimming ▪ Shutter/blinds control ▪ Sending of values ▪ Recall and storage scene ▪ 12V LED indication
	IP Interface BNIP-00/00.1	DIN rail 36x90x64mm	▪ 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

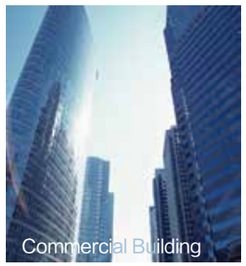
Product List

Picture	Name / Mode	Installation / Dimension	Function
	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
	KNX/RS232 Bidirectional Converter BTPT-02/232.1	DIN rail 90×36×64mm	▪ Support up to 64 serial port control commands, with length up to 64 bytes ▪ Each serial port can be triggered via 1bit or 1byte communication object ▪ Two serial ports with three wires-standard triple-line serial port ▪ Support definition of serial port communication protocol
	KNX /RS485 Bidirectional Converter BTPT-02/485.1	DIN rail 90×36×64mm	▪ Customize RS485 communication interface protocols, and serial communication configuration ▪ Support RS485 telegram 1-64 byte, the format can be self-defined ▪ RS485 telegram supporting 0-32 byte ACK report, the format can be self-defined ▪ Two-way control between KNX and RS485 bus ▪ Support max. 512 telegram conversion between RS485 and KNX ▪ Support max.256 group configuration
NEW! 	**KNX / DALI Gateway, 2-Fold** 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! 	**EasyControl APP Gateway** BTMG-01/01.1	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
	KNX USB Interface BNUS-00/00.1	77x 20x18mm	▪ An interface between PC and KNX bus to configure, parameterize and commission KNX bus
	KNX/RF Transceiver BNRF-00/01.1 BNRF-00/02.1	77x20x18mm 46x46x11.7mm	▪ A pair of device for KNX bus commissioning with ETS ▪ The 01 device is connected to PC and the 02 to KNX bus
	KNX IP Router BNIPR-00/00.1	DIN rail 36x90x71mm	▪ 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 36x90x71mm	▪ 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 ▪ Sustained short-circuit current: < 1.3 A ▪ Rated current: 640mA, short-circuit-proof ▪ 1 fold auxiliary voltage output ▪ Output staus display ▪ Reset function

Product Series

Video Door Phone System
P.013 - P.024

IP Video Door Phone System Briefing



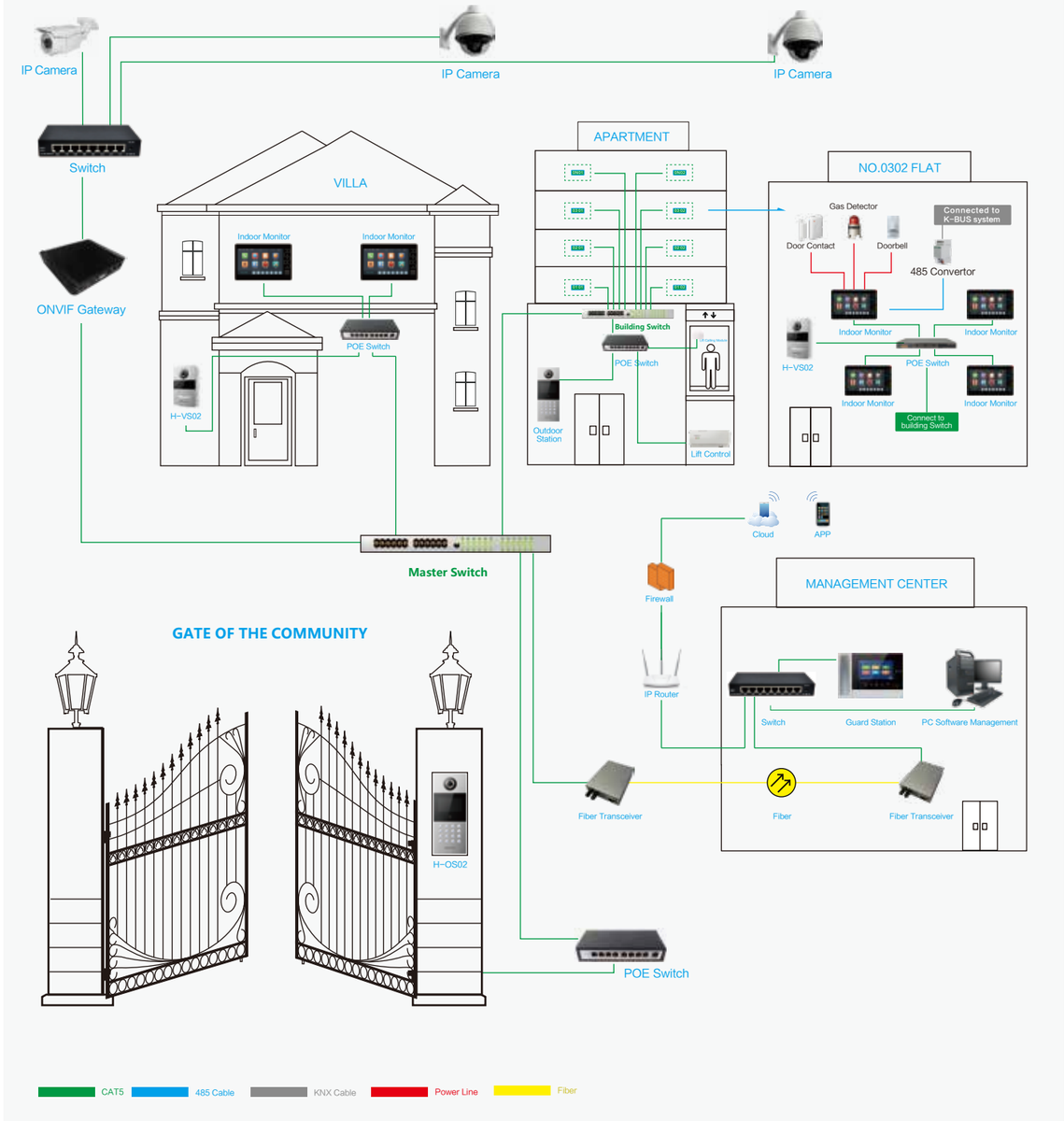
H Series video door phone system

The H Series system is a full digital video door phone 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 in all kind.

TCP/IP Video Door Phone

H Series Video Door Phone Topology



NEW!

7" IP Outdoor Station

H-OS06

Function:

- 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

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

H-IS06-G

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-IS07-W

H-IS10-W

H-IS02-W

4.3 " Indoor Monitor

- 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

H-IS11-S

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

TCP/IP Video Door Phone

● H-OS01 H-OS02

4.3 " Outdoor Station

- Aluminium panel
- Display: 4.3 " TFT with advanced GUI
- Working voltage: DC 24V (support POE)
- Support IC/ID card
- Support intercom function
- Name list Management
- IPX5 waterproof

● H-GU01

7 " 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-VS02

Mini Outdoor Station

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

○ H-IS14-W

Audio Phone

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

● 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 protocol output

○ H-LC01

Lift Calling Module

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

H-CR01

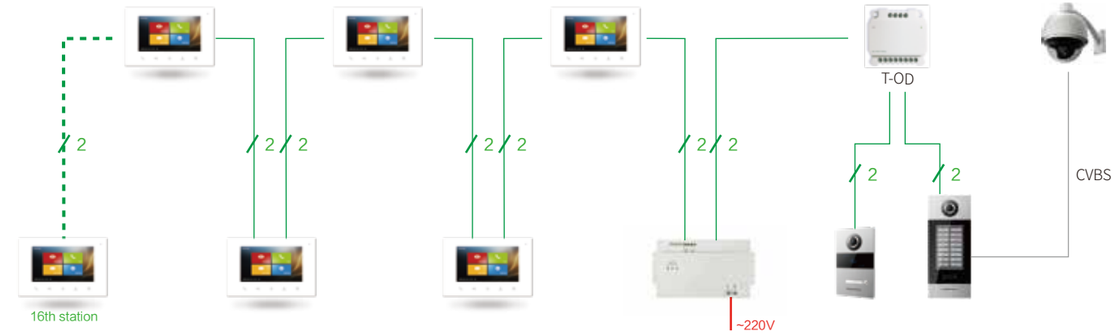
Access Control Card Reader

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

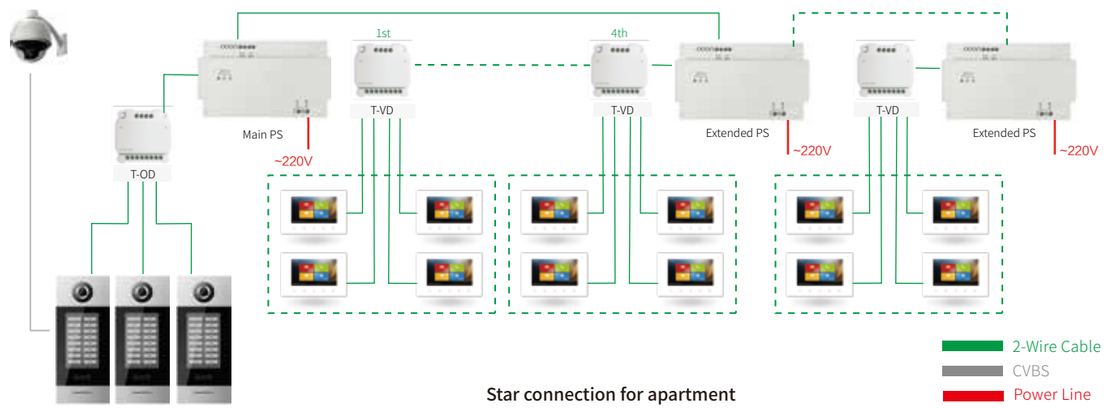
Two-Wire video door phone system

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
- Up to 160 meters from door station to the last monitor



Serial connection for single house/villa



Star connection for apartment

7" 2/W 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 and independent 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 and independent power supply
- Support Name list
- IC Card reader

○ T-IS01-W

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
- Built-in multi-languages
- Support intercom
- Can be reused as guard unit when addressed as 200*

○ ● T-IS06-B

7" Indoor Monitor

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

○ T-IS05-W

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-B

4.3 " Indoor Monitor Lite

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

TCP/IP Video Door Phone

T-OS01 T-OS02 T-OS03

Mini Outdoor Station

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

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

T-Adaptor

Name List Tool

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

T-PS01

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

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

Monitor Selection Table

	H-IS14	H-IS02	H-IS07	H-IS10	H-IS11	H-IS06	T-IS06	T-IS04	T-IS05	T-IS01	T-IS03
Screen size	/	4.3''	7''	7''	7''	10.1''	/	4.3''	7''	7''	7''
Color	White	White/Black	White/Black	White/Black	Sliver/Black	Golden	White	Black	White	White	White/Black
Power supply mode	24V PoE	24V PoE	24V/48V PoE	24V 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
Touch screen	/	/	Yes	Yes	Yes	Yes	/	/	/	Yes	Yes
Picture memory	/	Yes	Yes	Yes	Yes	Yes	/	/	/	Yes	Yes
Button type	Mechanical button	Touch key	Touch panel	Touch panel	Touch panel	Touch panel	Mechanical button	Touch key	Touch key	Touch panel	Touch panel
Dimension WxHxD(mm)	209.9x79.9x52.8	180x123x20.5	220x140x17.5	200x130x14.9	200x130x14.9	290x180x22	209.9x79.9x52.8	180x120x19.5	220x140x24	220x140x24	220x140x24
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. 025 - P. 028

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

Wuhan University
Wuhan, China

Featured Project

Résidence Marcel Marlier
Tournai, Belgium

Yun Shan Shi Yi Community
Guangzhou, China

Seri Pilmoor 110 Villas
Kuala Lumpur, Malaysia

Tomson Reviera Condo
Shanghai, 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

Beijing No. 1 Social Warefare Home

Beijing, China

Evergrande Group Healthyland

Sanya, China

The General Hospital of the People's Liberation Army

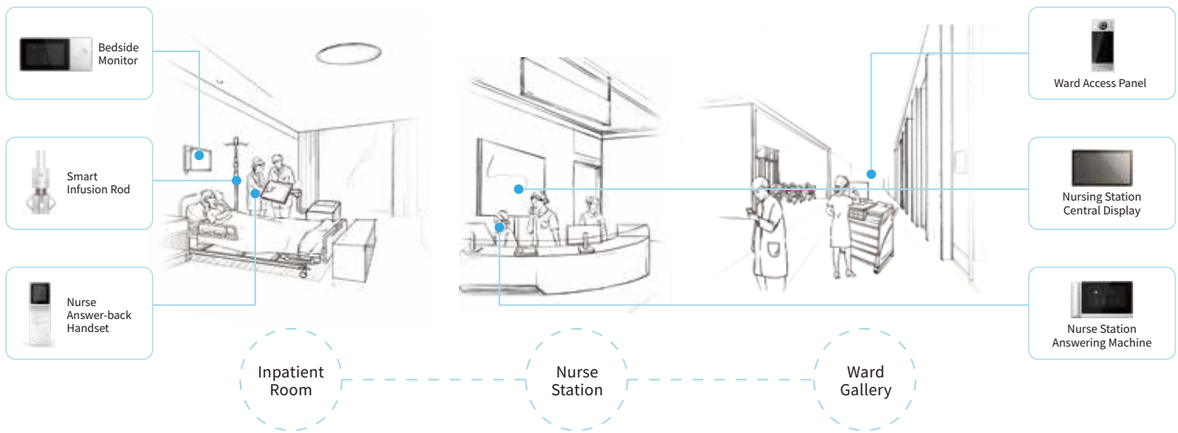
Beijing, China

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?