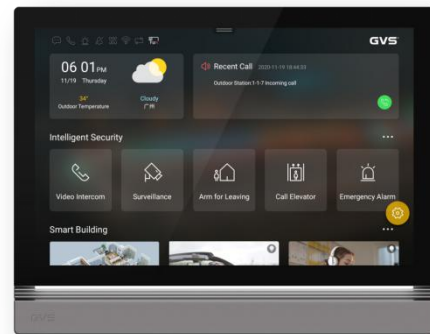# GVS®

A-IS03
KNX Smart Touch Z10 (KNX+INTERCOM)

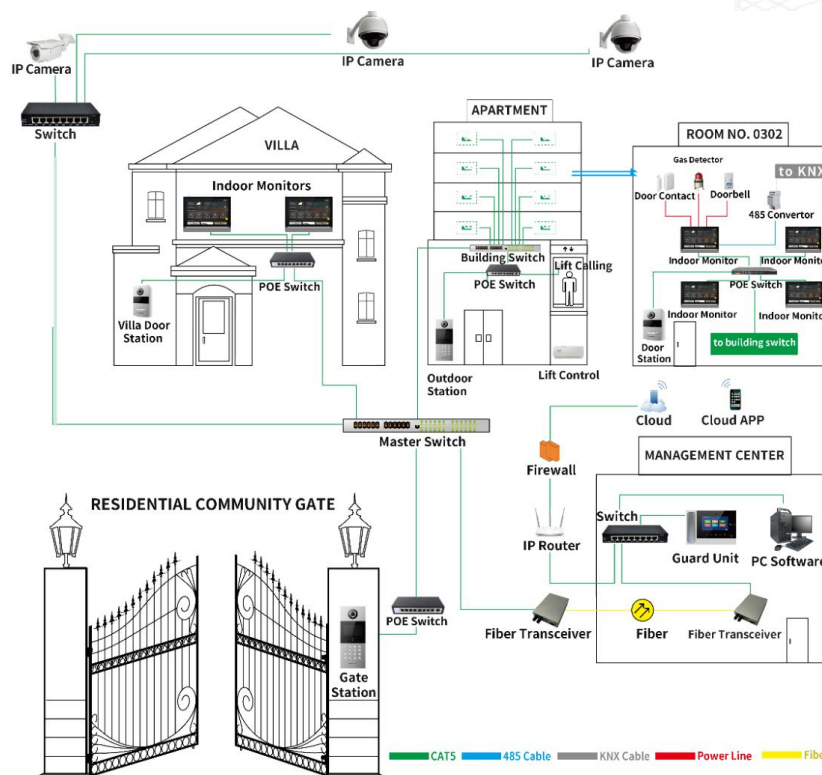# Key Characteristics

Intercom Monitor Feature & Function

- 10.1" IPS Touch Panel resolution 1280 x 800 with aluminum faceplate
- HD video monitoring with high performance CMOS
- Ambience LED belt for elegance and indication of functions
- Noise elimination and echo cancellation

- Support standard PoE 48V power or DC24V auxiliary power
- Support Hands-free video communication with door station, guard unit connected in the intercom system
- Support panel call to management
- Support max. 8-channel defense zone alarm
- Support monitoring to door stations and cameras connected
- Support remote unlock function by PC software
- Support elevator/lift control via gateway

- 8-channel defense zones alarm inputs supported
- Triggered alarm messages, if any, will be uploaded to guard unit and PC software immediately

- Community message broadcast function
- Elegant design with easy installation/operation
- Background, icon, UI customization supported

KNX Smart Home Feature & Function

- Support map view programming in smart home function
- Switching, dimming, shutter/blinds control, value sending function
- Support air quality value display
- Support HVAC control
- Support both IR split AC and AC with protocols (RS485 etc.)
- Support background music control
- Support RGB control
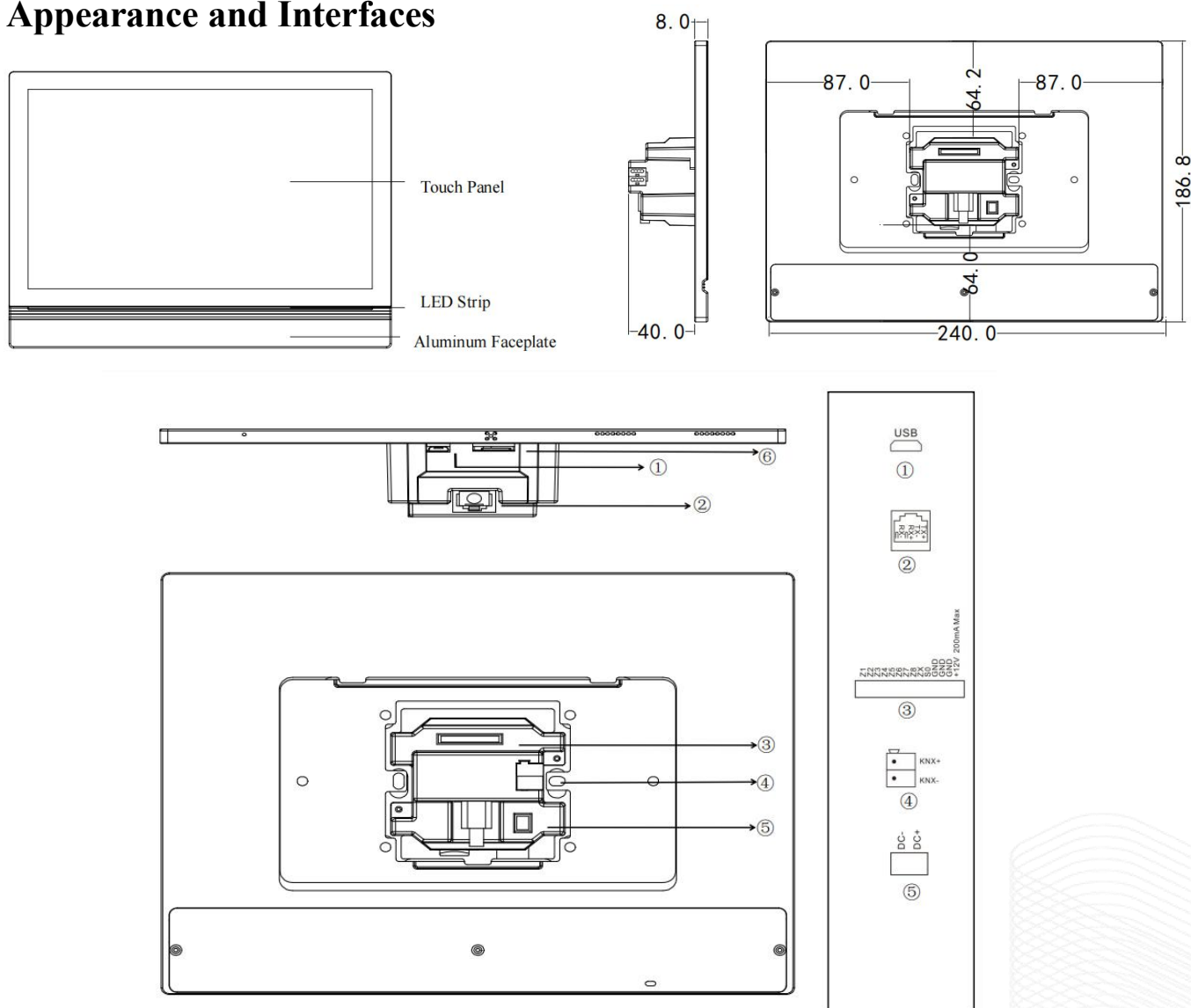- Max. 8 timing functions
- Max. 4 group event functions

Typical Topology

Parameters

Model	Model Number	A-IS03
System Parameters	Processor	Allwiner
	Operation system	Android Operation System
Display Parameters	Display screen	10.1 inch IPS touch screen
	Display resolution	1280*800
	Operation method	Capacitive Touch Screen
	Operation interface	Delicate Flattened UI Operation Interface
Audio Parameters	Audio input	Built-in Omnidirectional Microphone
	Audio output	Built-in Loudspeaker
	Audio compression standard	G.711 A
	Audio compression rate	64 Kbps
	Audio quality	Noise Elimination and Echo Cancellation
Network Parameters	Ethernet	10/100 Mbps Self-Adaptive Ethernet
	Network protocol	TCP/IP, UDP
Alarm Parameters	Alarm input	8-channel Defense Zone Alarm Inputs
Device Interfaces	Network interface	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	RS-485	1 RS-485 Half-Duplex Port
	I/O output	Unlock button
General	Memory	RAM: 2GB; ROM: 8G(SD CARD)
	Power supply	48V Power Over Ethernet
		DC 24V
	Power consumption	＜10 W
	Working temperature	-10° C to + 55° C (14° F to 131° F)
	Working humidity	10% to 90%
	Dimensions (L × W × H)	186.8 ×240× 40mm (7.35" × 9.45" × 1.57")
	Certification	CE, ROHS

Appearance and Interfaces

Touch Panel

LED Strip

Aluminum Faceplate

No.	Description
①	Micro-USB socket
②	Network Port (support standard 48V PoE Switch)
③	+12V, GND: defense area detector power terminal (current≤200mA); Alarm: alarm output interface(reserved); ZX : extension interface for defense zone; Z8 to Z1: standard defense area interface, support normal open/close security module; Z8: default setting as doorbell function (can be configured as defense zone);
④	KNX/EIB bus connection terminal
⑤	Power input terminal: DC 24 ~30V