



# One-stop **INTEGRATED HOSPITALITY**

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## ELV Solution

2019-2020

# YEKALON

LEADING INTERNATIONAL ONE-STOP SOLUTIONS PROVIDER  
OF CONSULTANCY, DESIGN, BUILDING SUPPLIES AND EQUIPMENT  
FOR REAL ESTATE AND HOSPITALITY INVESTMENT,  
INCLUDING MANAGEMENT, OPERATIONS AND CONSTRUCTABILITY

Yekalon, founded in 1997, Shenzhen China, is a leading International One-Stop Solutions Provider of Consultancy, Design, Building Supplies and Equipment for Real Estate and Hospitality Investment, including Management, Operations and Constructability. With more than 20 years development, Yekalon has become a comprehensive group company across multiple industries and fields, which focuses on the research & development, construction, and operation of real estate and hospitality industry, and is dedicated to the vertical integration of the related industry chain and the ecological chain.

Yekalon brand family includes YEKALON, SENNORWELL, BERGEIM, TAP&GO, BUILDMOST, YEKARAN etc. Besides, as the owner, Yekalon wholly invested and constructed and operated Times Plaza, a HOPSCA with a five-star Four Points Sheraton Hotel. Meanwhile, Yekalon built Buildmost, a professional B2B platform first inspired by Yekalon, dedicates to build a whole industry chain & internet ecosystem in building materials and furnishing area.



HOPSCA Times Plaza



5-star Four Points Sheraton Hotel



YEKALON Office and Showroom

## BRAND FAMILY



BuildMost



## YEKALON AN EXPERIENCED HOTEL MANAGEMENT COMPANY FOR THE POSITIONING, DESIGN, CONSTRUCTION AND OPERATION OF 2-STAR TO 7-STAR HOTEL



### Mission of Yekalon One-Stop Integrated Hospitality Solution for Positioning, Design, Construction and Operation:



Make positioning, designing, constructing and operating hospitalities no more difficult for global hospitality investors and owners, and easily achieve ideal ROI



Make global travelers enjoy a better travel experience in their business travel and leisure holiday.



**Yekalon One-Stop Integrated Hospitality Solution for Positioning, Design, Construction and Operation:**

Three Core Service System  
of Hospitality Investment



Right Equipment, Materials  
and Hardware & Software  
Selection and Installation



**100%** Hospitality  
Business Success

**THREE CORE SERVICE SYSTEM OF HOSPITALITY INVESTMENT**

**1.Positioning, Planning and Design Service System**

① **Positioning:**

Consumers Positioning, Cultural Positioning, Investment Positioning, Functional Positioning, Surround Positioning, Facility Positioning.

② **Architectural Design and Interior Design:**

Circulation Design, Functional Design, Style Design, FF&E Design.

③ **Specialty Design:**

- MEP Design [including HVAC, Plumbing & Drainage System, Fire Protection System, Electrical System, Intelligence Management System (ELV System), Elevator etc.]
- Lighting Design
- Kitchen & Laundry Design
- Audiovisual (AV) & Acoustic Design
- Swimming Pool Design
- Artwork Design
- Signage Design
- Landscape Design

④ **Product and Application Design:**

Including Designs of Curtain Wall and Facade , Steel Structure, Furniture, Lighting, Window & Door, Canopy, Sanitary Ware, and so on.

**2.Construction and Decoration Service System**

- ① Demand Position Interpretation, Selection of Equipment , Product and System and Cost Control Services
- ② Project Measurement Service
- ③ Production and Quality Control Services
- ④ Services for Product Installation or Installation and Maintenance Guidance

**3.Opening Support, Operation Management Service System**

- ① One Stop HOE (OS&E) Solution for Hospitality Opening and Operation
- ② Operation Management IT System



**ONE-STOP INTEGRATED SUPPLY CHAIN OF HOSPITALITY CONSTRUCTION & OPERATION, INCLUDING EQUIPMENT, FF&E, AND SYSTEMS**



Forestry



Panel



Aluminum&Steel  
Glazing System  
Products



Plumbing and  
Drainage System



Fire Protection  
Systems



HVAC & EL  
System



ELV&Intelligent  
Building Systems  
& PMS



Lighting



Window&Door



Floor&Wall  
Covering



Kitchen Cabinet  
& Wardrobe



Bathroom  
Solution



Hotel FF&E  
Hotel OS&E



Kitchen And Laundry  
Equipment



Swimming Pool  
Equipment&Products



Hospitality  
Signage





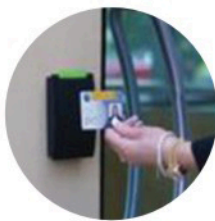


# Intelligent Building

- |   |  |
|---|--|
| 1.Structured cabling system                   | 13.Building automation system              |
| 2.Computer network system                     | 14.Intelligent lighting control system     |
| 3.PBX system/IP telephone system              | 15.Queuing and calling system              |
| 4.CCTV system                                 | 16.Nurse calling system                    |
| 5.Room door lock system                       | 17.Electronic bulletin and enquiry system  |
| 6.E-card system                               | 18.Remote consultation and teaching system |
| 7.Parking management system                   | 19.LED large-screen system                 |
| 8.Public address system                       | 20.WIFI system                             |
| 9.Multimedia information distribution system  | 21.Smart home system                       |
| 10.Cable and satellite TV systems/IPTV system | 22.BMS                                     |
| 11.Smart room control system                  | 23.PMS                                     |
| 12.Multimedia conference system               | 24.UPS                                     |

## Business Scope

Intelligent building extra low voltage system integration is an optimal whole integrating and all the technologies of combining building, communication, computer network and monitoring, for providing safe, high-efficient, easy and express, energy-efficient, environmental- friendly and healthy building environment for human with buildings as the platform, combining and information facilities system, IT application system, building facilities and management system and public safety system, integrating structure, services, management and their optimized combination into a whole; it features in reasonable project investment, facilities highly self-controlling, information management science, high-quality and highly efficient services, easy to use and safe comfortable environmental, so it is modernized new-type of building able to adaptive to the demand of developing the IT application society.





# One Stop ELV & IT Solution



## Villa solution:

1. Structured cabling and network system
2. Security system
3. Smart home system
4. Home entertainment system
5. UPS



## Hotel solution:

- |   |  |
|---|--|
| <ol style="list-style-type: none"><li>1. Structured cabling system</li><li>2. Computer network system</li><li>3. PBX system/IP telephone system</li><li>4. CCTV system</li><li>5. Anti-theft alarm system</li><li>6. Perimeter prevention system</li><li>7. Electronic patrol system</li><li>8. E-card system</li><li>9. Wireless intercom system</li><li>10. Cable and satellite TV systems /IPTV system</li></ol> | <ol style="list-style-type: none"><li>11. Information release system</li><li>12. Public address/background music system</li><li>13. Multimedia conference system</li><li>14. A/V system</li><li>15. Building automation system (BA)</li><li>16. Intelligent lighting control system</li><li>17. IT room engineering system</li><li>18. Smart room control system</li><li>19. PMS</li><li>20. LED screen system</li><li>21. UPS</li></ol> |
|---|--|



## Apartment solution:

- |   |  |
|---|--|
| <ol style="list-style-type: none"><li>1. Structured cabling and network system</li><li>2. CCTV system</li><li>3. Perimeter prevention and invasion alarming system</li><li>4. E-card system</li><li>5. Video intercom system</li><li>6. Smart home system</li></ol> | <ol style="list-style-type: none"><li>7. Electronic patrol system</li><li>8. Wireless intercom system</li><li>9. Elevator five-party calling system</li><li>10. Information release system</li><li>11. PA/background music system</li><li>12. Remote reading system</li><li>13. IT room engineering system</li><li>14. UPS</li></ol> |
|---|--|



## Shopping mall solution:

- |  |   |
|--|---|
| <ol style="list-style-type: none"><li>1. Structured cabling and network system</li><li>2. CCTV system</li><li>3. Invasion alarming system</li><li>4. Perimeter prevention system</li><li>5. E-card system</li><li>6. Electronic patrol system</li><li>7. Wireless intercom system</li><li>8. Elevator five-party calling system</li><li>9. Information release and guidance system</li></ol> | <ol style="list-style-type: none"><li>10. Indoor navigation system</li><li>11. Public address/background music system</li><li>12. Intelligent building management system (IBMS)</li><li>13. Building automation system</li><li>14. Intelligent lighting system</li><li>15. Power monitoring system</li><li>16. Remote reading system</li><li>17. IT room engineering system</li><li>18. UPS</li></ol> |
|--|---|





### Office building solution:

- 1.Structured cabling and network system
- 2.CCTV system
- 3.Invasion alarming system
- 4.Perimeter defense system
- 5.E-card system
- 6.Electronic patrol system
- 7.Wireless intercom system
- 8.Elevator five-party calling system
- 9.Information release system
- 10.Multimedia conference system
- 11.Multimedia exhibition hall system
- 12.Public address/background music system
- 13.Intelligent building management system(IBMS)
- 14.Building automation system
- 15.Power monitoring system
- 16.Intelligent lighting system
- 17.Remote meter reading system
- 18.IT room engineering system
- 19.UPS



### Hospital solution:

- 1.Structured cabling system
- 2.Computer network system
- 3.PBX system
- 4.CCTV system
- 5.Invasion alarming system
- 6.Perimeter defense system
- 7.Electronic patrol system
- 8.E-Card system
- 9.Wireless intercom system
- 10.Cable and satellite TV system /IPTV system
- 11.Information release and guidance system
- 12.Public address system
- 13.Multimedia conference system
- 14.Emergency and emergency calls system
- 15.Elevator five-party calling system
- 16.Synchronous clock system
- 17.Medical intercom system
- 18.Outpatient queuing system
- 19.Building automation system
- 20.IT room engineering system
- 21.UPS

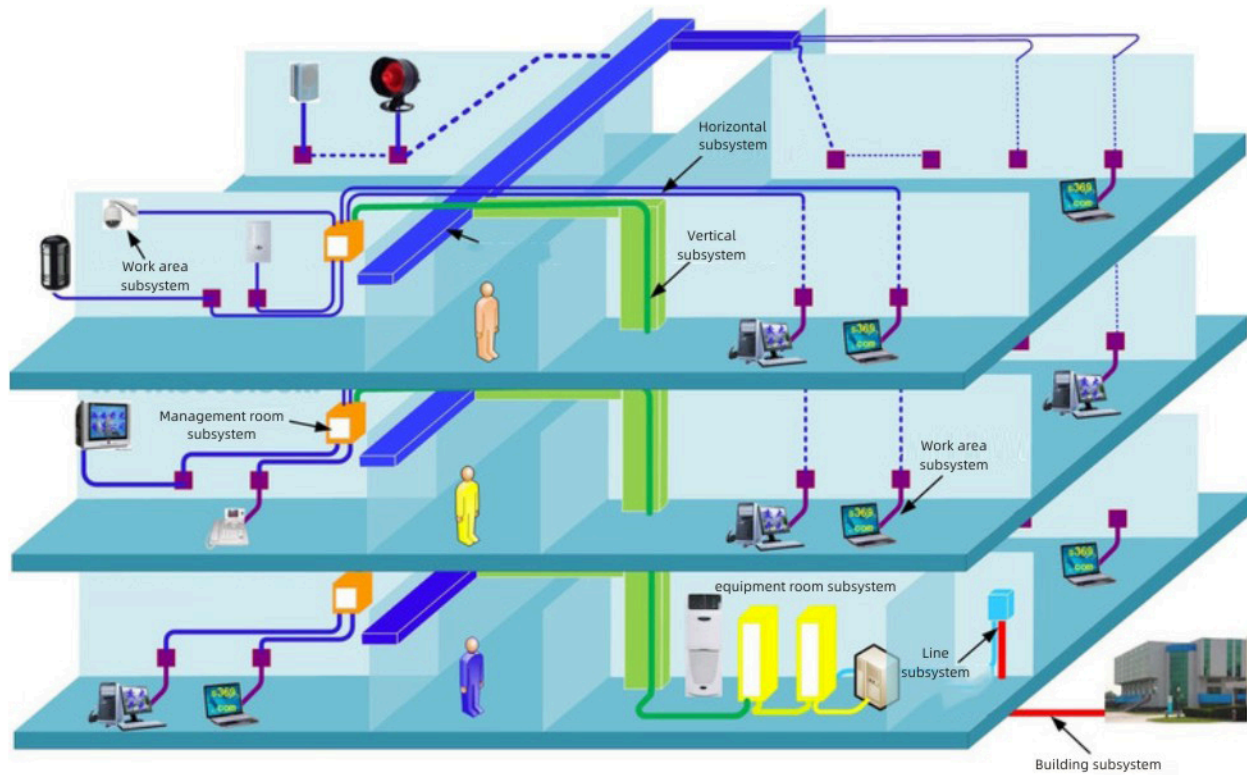


### School solution:

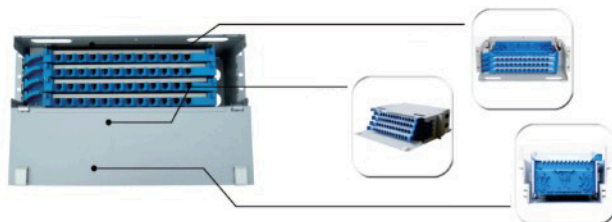
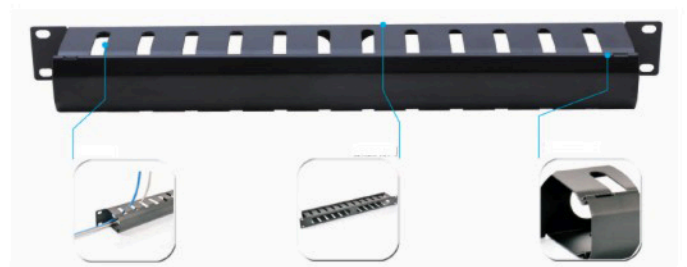
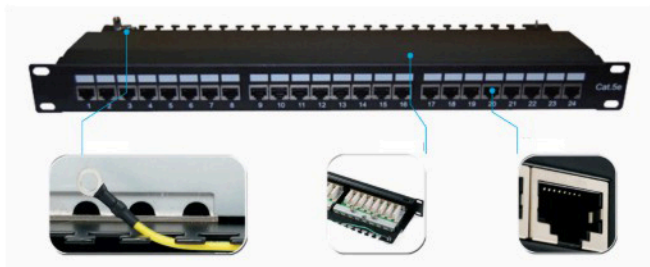
- 1.Structured cabling system
- 2.Computer network system
- 3.Program-controlled switch system
- 4.CCTV system
- 5.Invasion alarming system
- 6.Perimeter defense system
- 7.Electronic patrol system
- 8.E-card system
- 9.Wireless intercom system
- 10.Cable and satellite TV system /IPTV system
- 11.Information release system
- 12.PA/background music system
- 13.Multimedia conference system
- 14.Multimedia teaching system
- 15.Emergency and emergency calls system
- 16.Elevator five-party calling system
- 17.Synchronous clock system
- 18.IT room engineering system
- 19.Parking management system
- 20.UPS

1.1 A structured cabling system is a complete system of cabling and associated hardware, which provides a comprehensive telecommunications infrastructure. This infrastructure serves a wide range of uses, such as to provide telephone service or transmit data through a computer network. It should not be device dependent. Structured cabling design and installation is governed by a set of standards that specify wiring data centers, offices, and apartment buildings for data or voice communications using various kinds of cable

## 1.2 Structured cabling system diagram



### 1.3 Main equipment

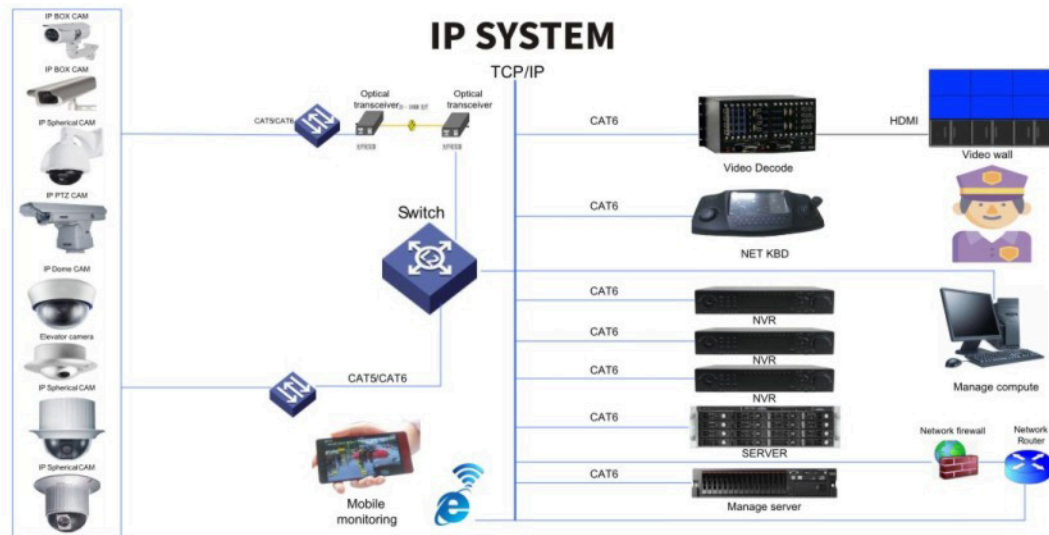




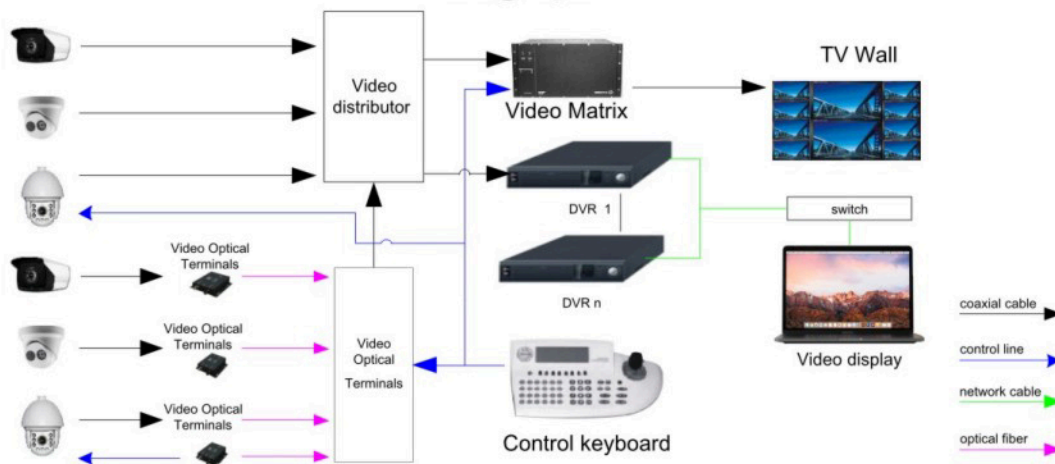
# CCTV system

2.1 Closed-circuit television (CCTV), also known as video surveillance, is the use of video cameras to transmit a signal to a specific place, on a limited set of monitors. It differs from broadcast television in that the signal is not openly transmitted, though it may employ point to point (P2P), point to multipoint (P2MP), or mesh wired or wireless links. Though almost all video cameras fit this definition, the term is most often applied to those used for surveillance in areas that may need monitoring such as banks, stores, and other areas where security is needed.

## 2.2 CCTV diagram



## Analog System



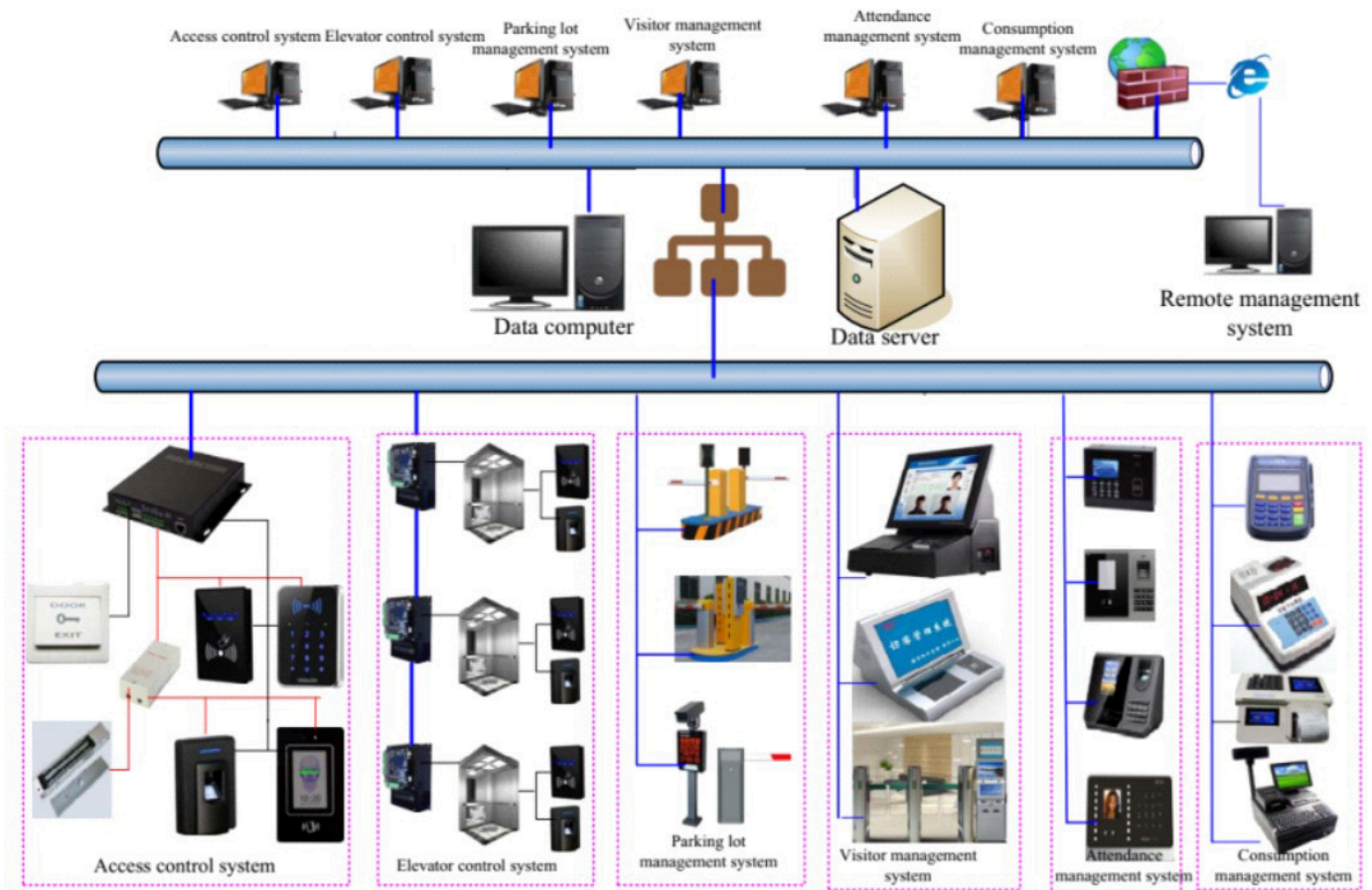
## 2.3 Main equipment



# Access control system

3.1 Access control systems are the electronic systems that are designed to control through a network and they should have an access to a network. Access Control System recognizes authenticates and authorizes entry of a person to enter into the premise thereby giving complete protection ensuring security with the system. When a credential is presented to a reader, the reader sends the credential's information, usually a number, to a control panel, a highly reliable processor.

3.2 Access control system diagram



3.3 Main equipment

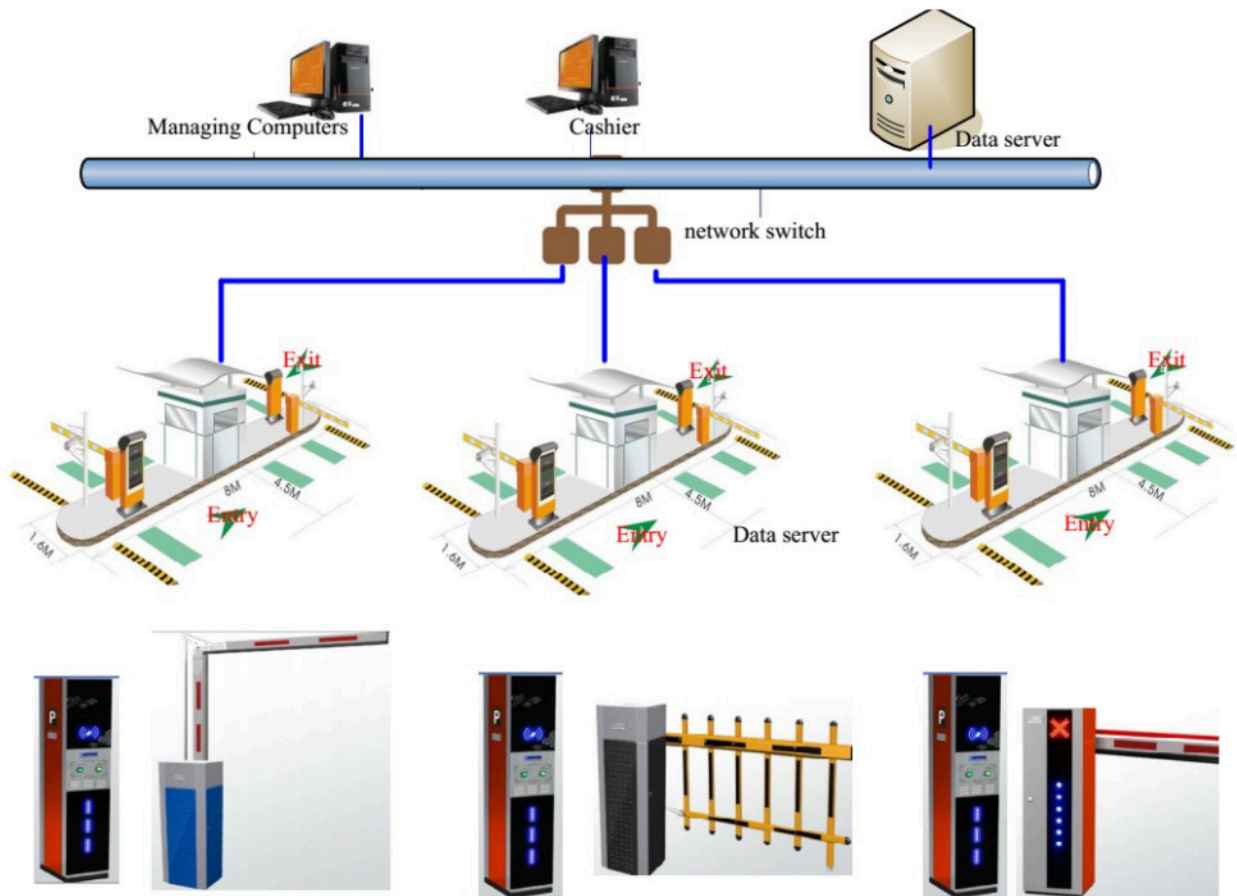




# Parking management system

4.1 The parking management system is a set of network system built by computer, network equipment and lane management equipment to manage the entrance and exit of vehicles in the parking lot, guidance of traffic flow in the parking lot and charging parking fee. With parking management system, our life is much convenience. Firstly, temporary parking, monthly parking, free parking, etc. Can be set to meet various needs of users, so as to realize the identification of video license plate of no-access card, charging fees for appearance and time/period fees. Secondly, monitor the number license plates in and out, and take picture of vehicles and license plates. What's more, internet charge, WeChat payment and network payment can be implemented.

4.2 Parking management system diagram



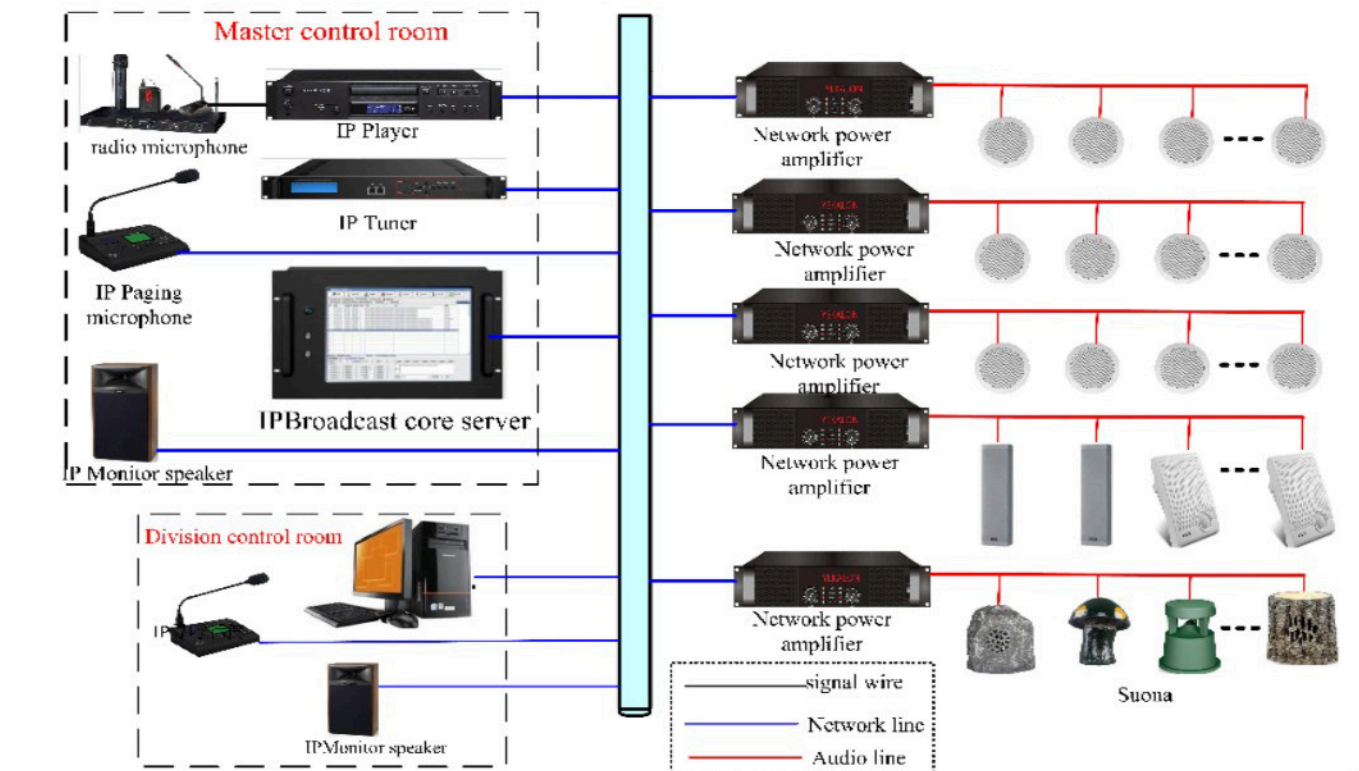
4.3 Main equipment



# Public address system

5.1 A public address system (PA system) is an electronic system comprising microphones, amplifiers, loudspeakers, and related equipment. It increases the apparent volume (loudness) of a human voice, musical instrument, or other acoustic sound source or recorded sound or music. PA systems are used in any public venue that requires that an announcer, performer, etc. be sufficiently audible at a distance or over a large area. Typical applications include sports stadiums, public transportation vehicles and facilities, and live or recorded music venues and events. A PA system may include multiple microphones or other sound sources, a mixing console to combine and modify multiple sources, and multiple amplifiers and loudspeakers for louder volume or wider distribution.

5.2 Public address system diagram



5.3 Main equipment



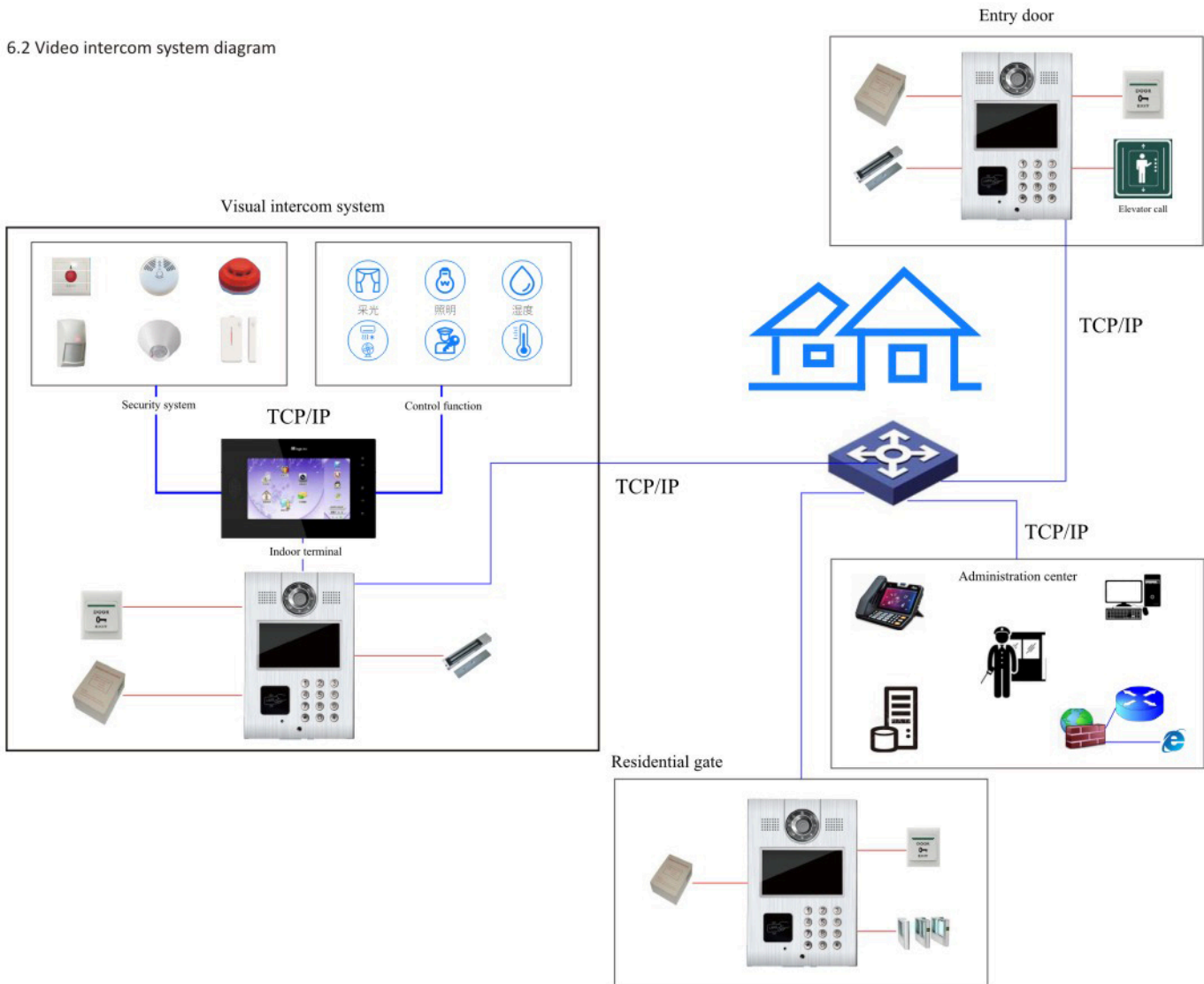


# Video intercom system



6.1 Video intercom system is a system which can add convenience and safety at your front door. You'll be able to see and hear who's at the front door without getting anywhere near it. It is used to manage calls made at the entrance to a building (residential complex, detached family home, workplace, etc.) with access controlled by audiovisual communication between the inside and outside. The main feature of video intercom system is that it enables the person indoors to identify the visitor and, if (and only if) they wish, engage in conversation and/or open the door to allow access to the person calling.

## 6.2 Video intercom system diagram



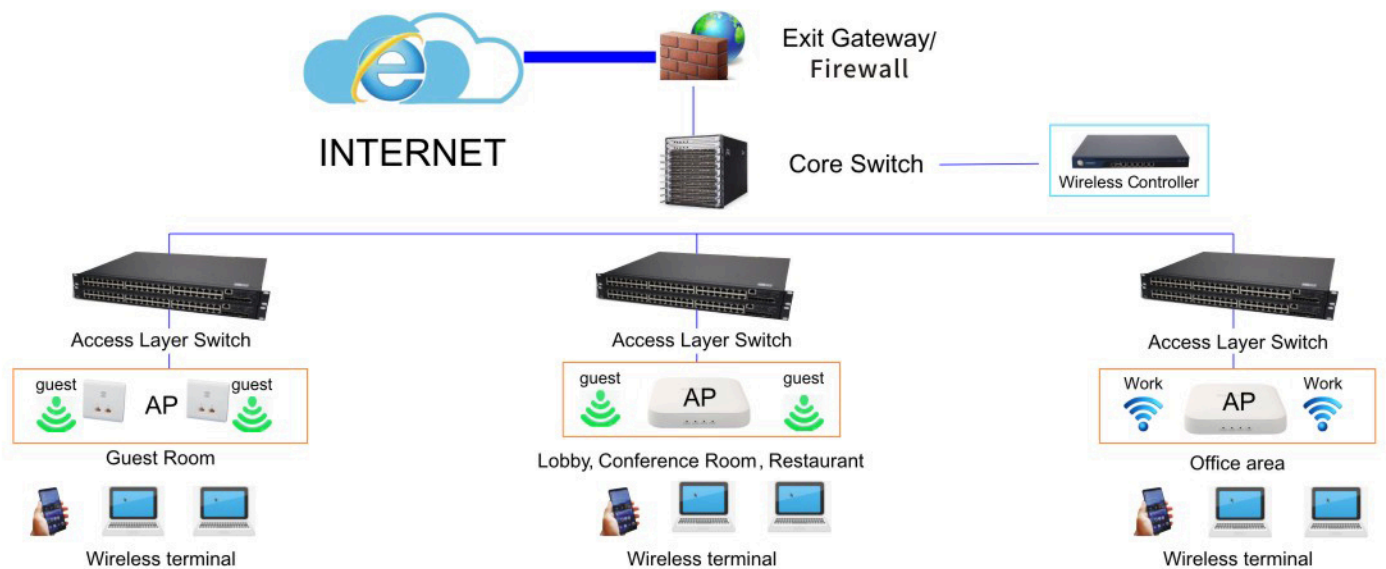
## 6.3 Main equipment



# WIFI system

7.1 Wireless network in the category of wireless local area network refers to "wireless compatibility certification", which is essentially a kind of commercial authentication, and also a wireless networking technology. Previously, the computer was connected through a network cable, and Wi-Fi was connected by radio waves. Net; common is a wireless router, then the wireless range of the wireless router can be connected by Wi-Fi connection. The main advantage of Wi-Fi is that it does not require wiring and can be free from the wiring conditions, so it is very suitable for mobile office users, and because the transmit signal power is lower than 100mw, which is lower than the mobile phone transmit power, Wi-Fi Internet is relatively It is also the safest and healthiest.

## 7.2 WIFI system diagram



## 7.3 Main equipment

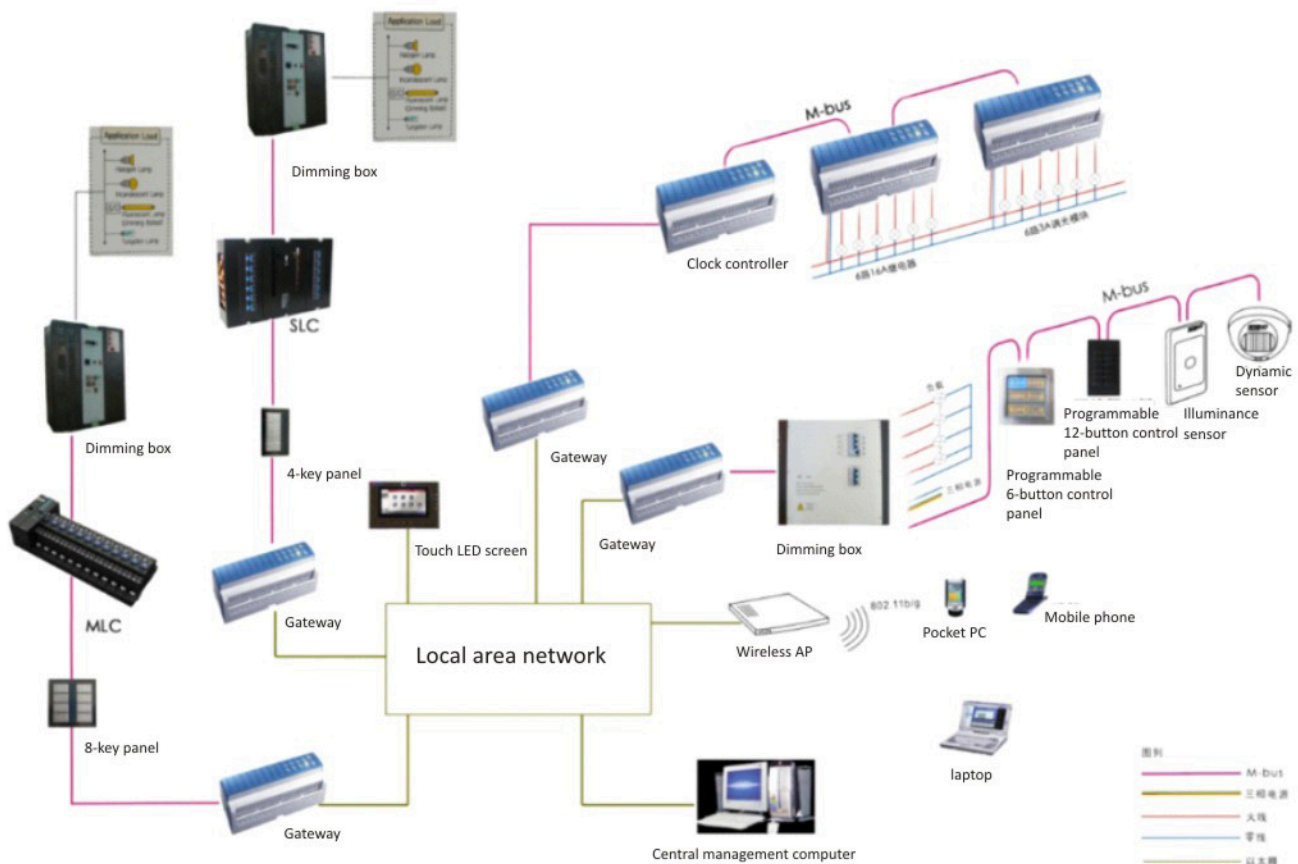




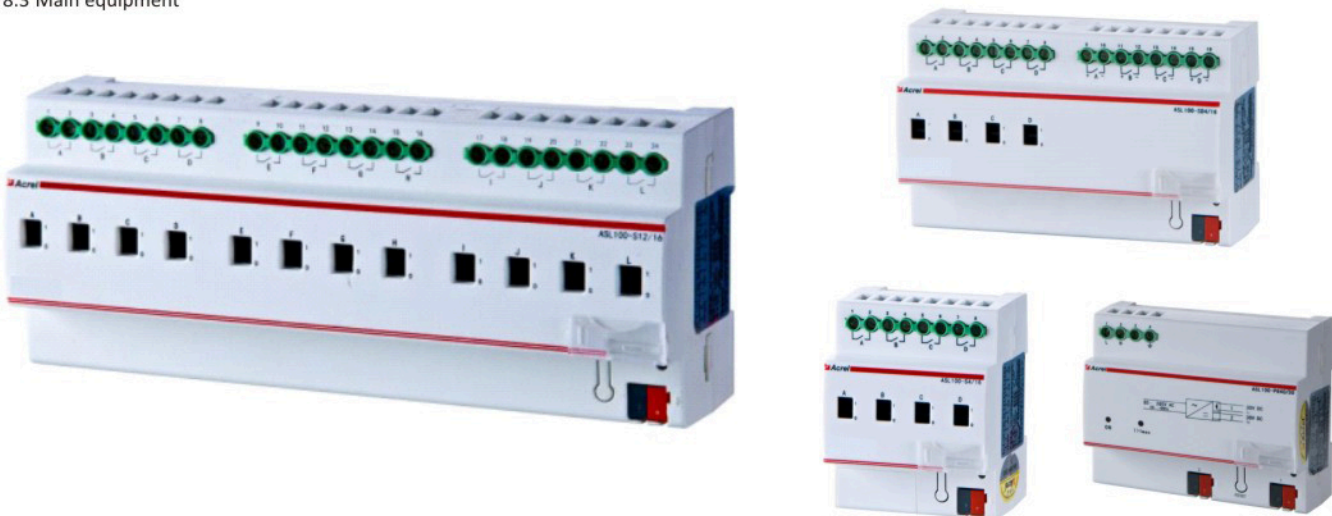
# Intelligent lighting control system

8.1 A Intelligent lighting control system is an intelligent network based lighting control solution that incorporates communication between various system inputs and outputs related to lighting control with the use of one or more central computing devices. Intelligent lighting systems are widely used on both indoor and outdoor lighting of commercial, industrial, and residential spaces. Intelligent lighting systems serve to provide the right amount of light where and when it is needed. Intelligent lighting systems are employed to maximize the energy savings from the lighting system, satisfy building codes, or comply with green building and energy conservation programs. Intelligent lighting systems are often referred to under the term Smart Lighting.

## 8.2 Intelligent lighting control system



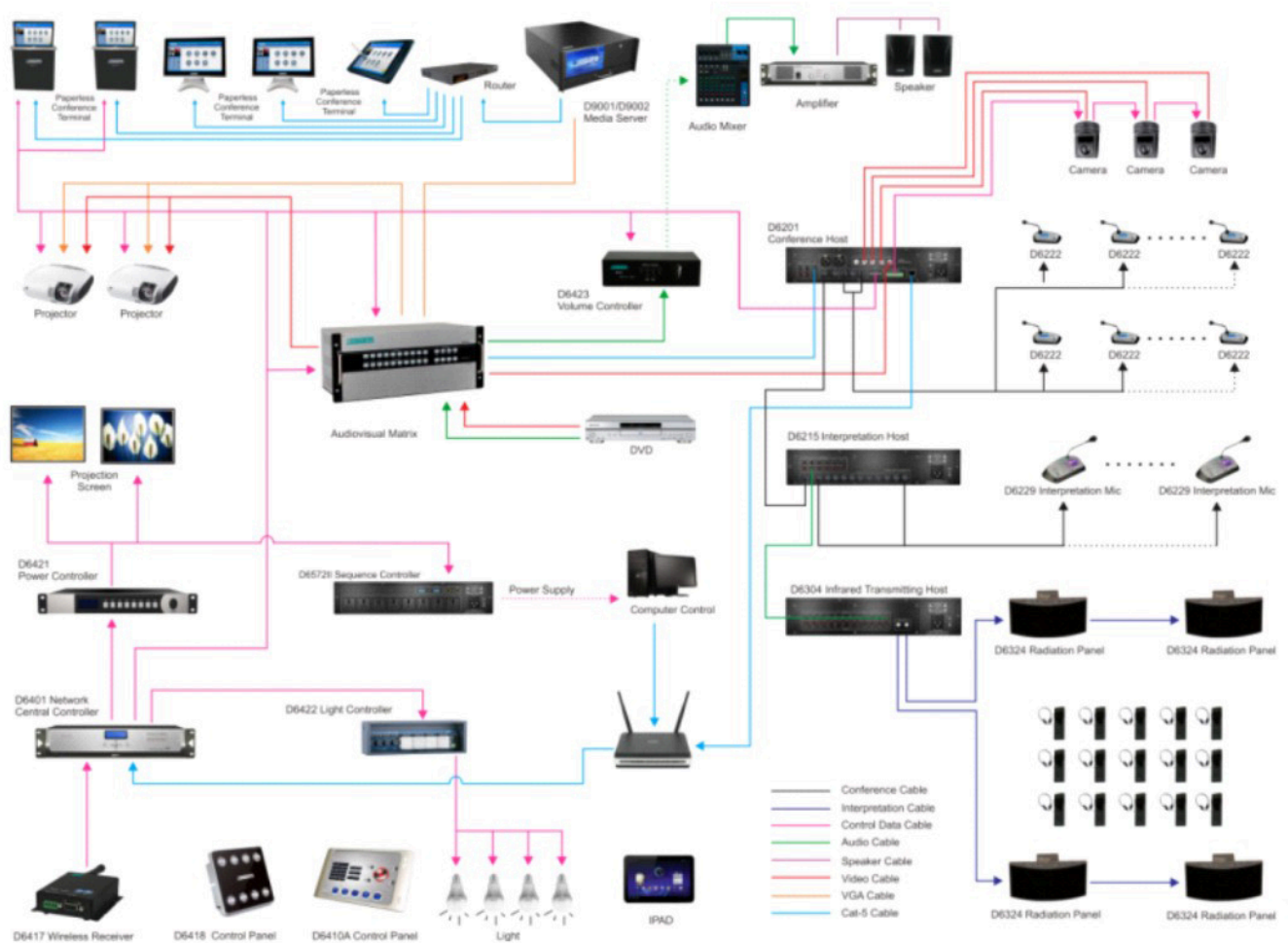
## 8.3 Main equipment



# A/V system

9.1 Audiovisual service providers frequently offer web streaming, video conferencing and live broadcast services. Computer-based audiovisual equipment is often used in education, with many schools and universities installing projection equipment and using interactive whiteboard technology. The application of audiovisual systems is found in collaborative conferencing (which includes video-conferencing, audio-conferencing, web-conferencing and data-conferencing); presentation rooms, auditoriums, and lecture halls; command and control centers; digital signage, and more. Concerts and corporate events are among the most obvious venues where audiovisual equipment is used in a staged environment. AV services extend from display/projection to system design, including compression, storage and playback of digital video.

## 9.2 A/V system diagram



## 9.3 Main equipment





# LED/LCD screen system

10.1 LED/LCD screen system provides large format outdoor displays as well as smaller high-resolution screens for indoor use. LED/LCD screen system performance screens produce vivid resolution and ultra-high brightness even in direct sunlight as building signage or under bright camera and stage lighting. It has large usage that can be applied to security monitoring, video conference, broadcast and control room, etc.

## 10.2 Main equipment



# PBX /IP telephone system

11.1 Telephone system can be divided into two types:PBX and IP.

## 11.1.1PBX phone

PBX is a kind of telephone communication management method commonly used in modern office, which enables the telephone manager to manage external calls and internal calls. Users of the PBX stored program control telephone switching system must share a certain number of outside lines in order to make calls to the outside world. PBX can connect to internal corporate phones or connect them to the Public Switched Telephone Network (PSTN).

## 11.1.2IP phone

IP phone uses voice over IP technologies for placing and transmitting telephone calls over an IP network, such as the Internet, instead of the traditional public switched telephone network(PSTN). A VoIP phone or application may have many features an analog phone doesn't support, such as e-mail-like IDs for contacts that may be easier to remember than names or phone numbers, or easy sharing of contact lists among multiple accounts. Generally the features of VoIP phones follow those of Skype and other PC-based phone services, which have richer feature sets but (because they rely on mainstream operating systems' IP support) latency-related audio problems.

## 11.2Main equipment





Note: All colours shown in this brochure are as close to the actual product colours as modern technical printing process allows. It is necessary to refer to the actual product colours.



**YEKALON**  
Industry, Inc.

**BuildMost**  
Easy Require, Easy Deal

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