AMITEK
SMART HOMES
ONE TOUCH TO EASY, SMART & SECURE LIFE STYLE

Welcome to Amitek Smart Group

www.amiteksmarthomes.com

CONTENTS

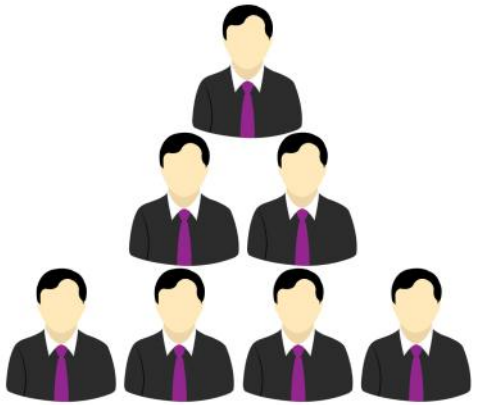
01 **Introduction**

02 **Business Portfolio**

03 **Cooperation**

01 Introduction

Personnel Structure



We have more than 500 Employees

20%+ are engineers

The average age is under 28

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Business Principle

Responsible

Practical

Innovative

Sharing

02 Business Portfolio

➢ Business Portfolio

Security Alarm and CCTV Solution

Smart Intelligent Wired and Wireless Security Alarm Solution, AHD,HDCVI & IP Cameras, A Complete Range of CCTV Solutions

Video Door Phone System Solution

TCP / IP video door phone system (high End –Series Multi Apartment Solution),
4-wire analog video door phone system (Analog Series Villa solution) etc.

S-Bus and Z wave Home & Building Automation

Intelligent building control system, Authorized Distributor of Global leading developer and manufacturer for Home Automation products for Wired (S-BUS) and Wireless (IOT , Z wave) Solutions

Video Door Phone Solutions

High End -series: TCP/IP based Multi apartment Video Door Phone

Analog series: 4-wire Video Door Phone for Villa

➢ High End -series TCP/IP Video Door Phone System

High Cost-effective

- **Customized Chip:** Removing redundancy of general chip. Improve processing efficiency and stability.
- **Built-In DDR:** More concise PCB, and lower cost.
- **Cost-Effective:** A fully digital solution system serves with the price of analogue system

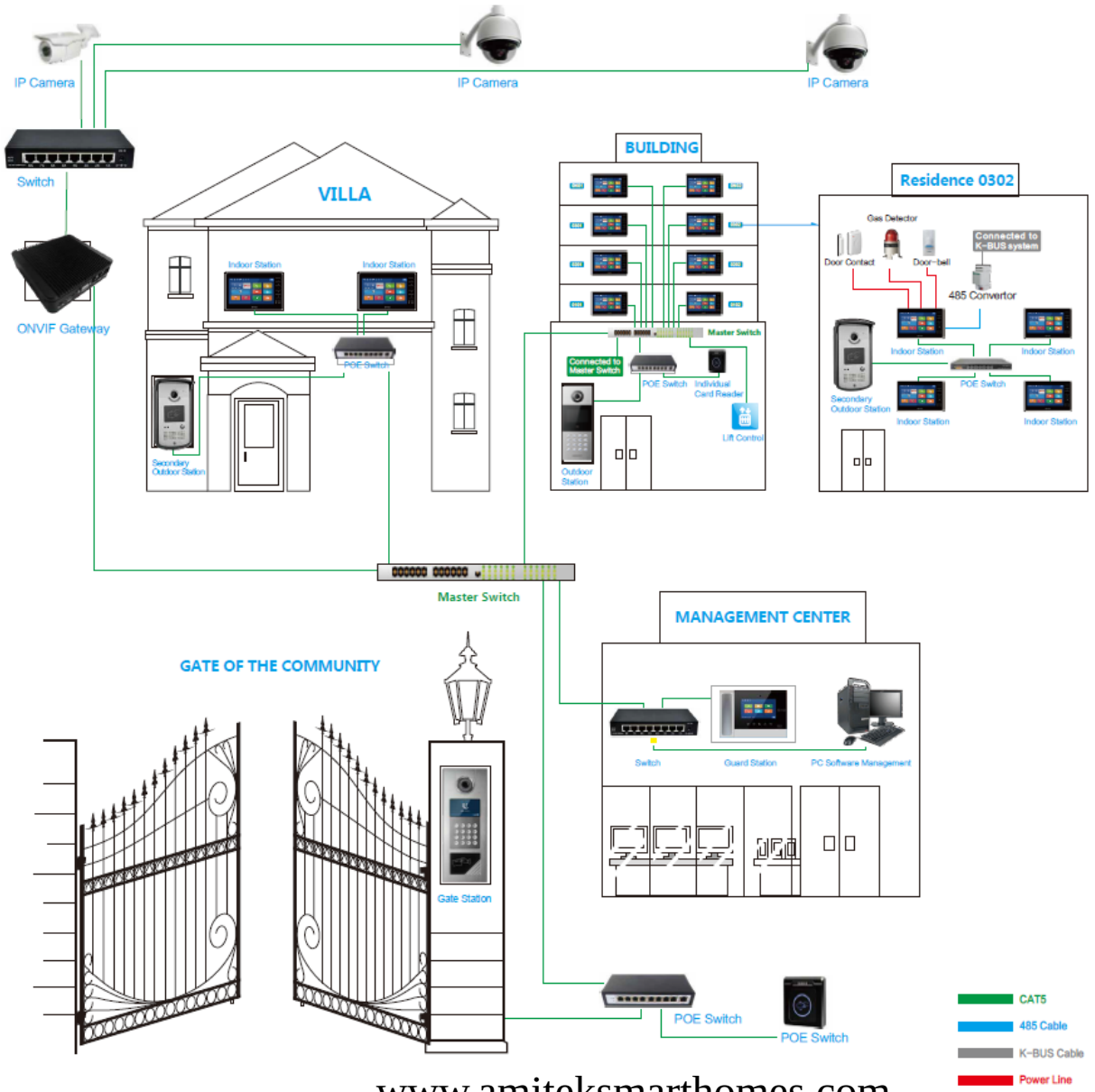
High Stability

- **Professional Team:** Led by famous expert with over 20 years experience in VDP system, and designed
  by a team of over 20 senior engineers specially professional in intercom system.
- **Rigorous testing:** Strict test and verification with complete test equipments and detailed test cases.
- **Integration Service:** Integration of design, manufacturing and service, facilitating quality management and control as well as efficient processing of issues.

High End -series TCP/IP Video Door Phone System

VDP Topology

- Indoor Station
- Outdoor Station
- POE Switch
- Guard Station
- PC software



➢ High End -series TCP/IP Video Door Phone System

Function

Photo and text information post

Defense areas and alarm

Full-duplex intercom

Call forwarding, intercom between households

Automatic or manual image capture , lockout protection

Elevator reservation

Community cameras monitoring

Extensible for smart home scene control function

Design

7” touch indoor monitor

Touch key indoor monitor

Button indoor monitor

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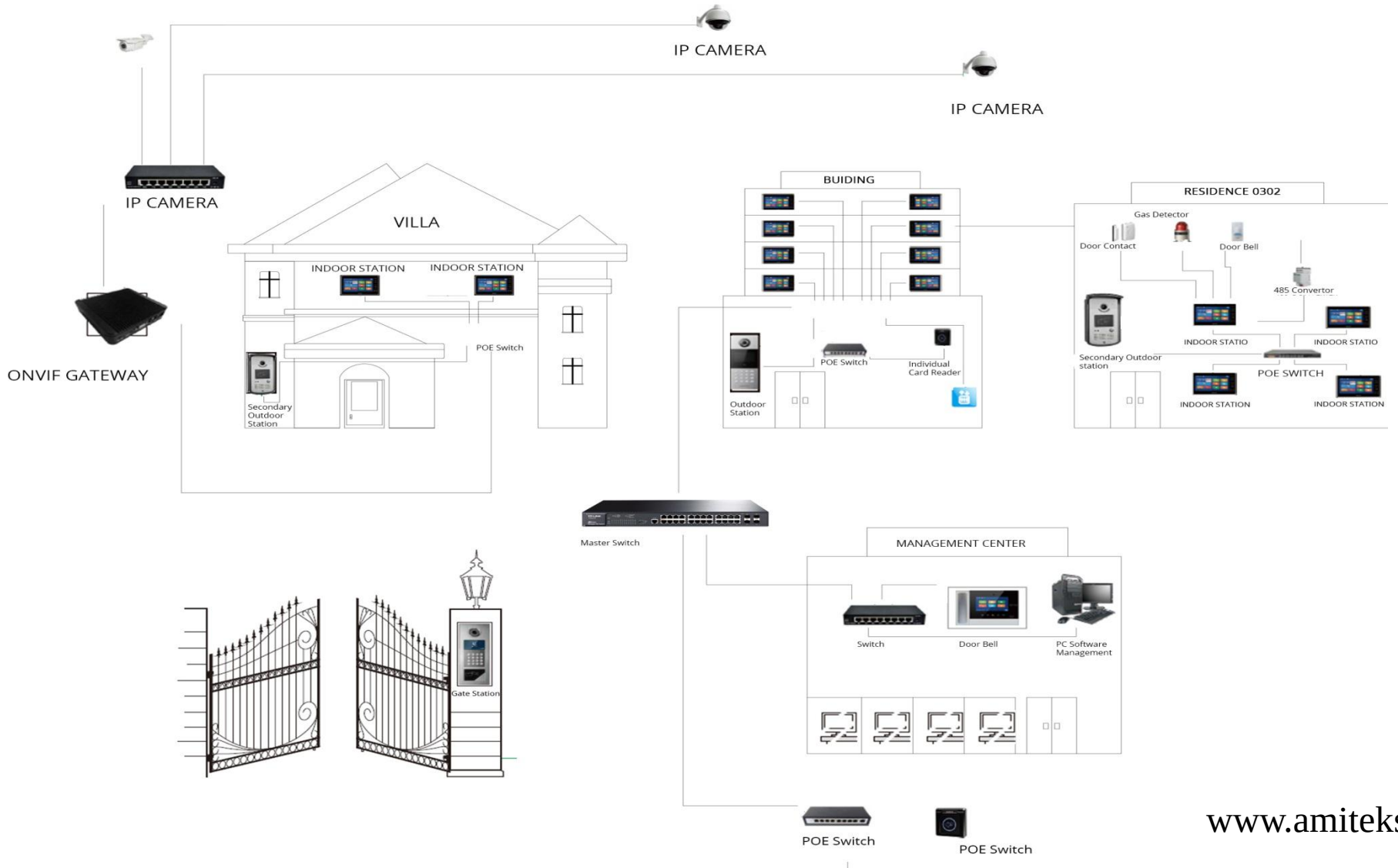
➢ High End -series TCP/IP Video Door Phone System

Outdoor Station

Villa/Mini Outdoor Station

Guard Station

➢ High End -series TCP/IP Video Door Phone System Block Diagram



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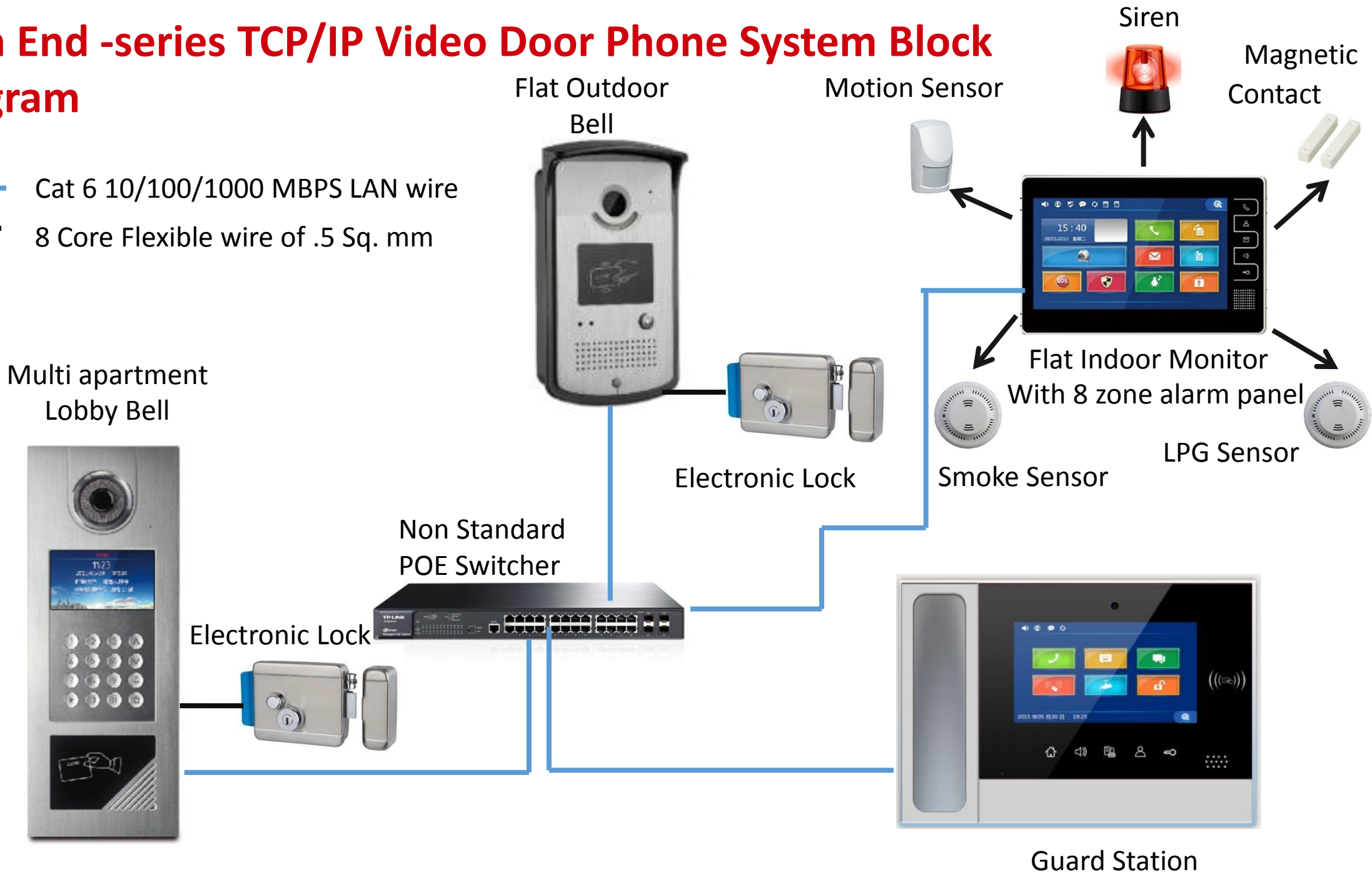
High End -series TCP/IP Video Door Phone System Block Diagram

Cat 6 10/100/1000 MBPS LAN wire

8 Core Flexible wire of .5 Sq. mm



➢ Analog 4 wire series Video Door Phone System

Features of the solution

4- wires non-polarity connection、Centered power supply、Simple and easy wiring、Safe and reliable

➢ Introduction to Analog 4 wire Video Door Phone System

- **Video door phone** (also known as a video intercom or door entry system) is a stand-alone system used to manage calls made at the entrance to a house, building (residential complex, detached family home, workplace, etc.)
- It is also called as the Visitor Identification System
- The main feature of video door phone is that it enables the person indoors to identify the visitor, communicate and open the door to
- Allow access to the person calling.

➢ Components of Analog 4 wire Video Door Phone System

- Video Door Phone Equipment's
  - INDOOR MONITOR
  - OUTDOOR UNIT
    - Distributor/Transfer Box if More than one Outdoor unit with a single or up to 4 Monitor
  - Electronic LOCK

➢ Brief Description of Video Door Phone Equipment's

INDOOR MONITOR

- Indoor Monitor is the display device installed inside the home on which we can view the video of visitor, communicate and unlock the door.

OUTDOOR CAMERA UNIT

- Outdoor Unit is the device which gets installed outside the home just like a normal door bell. It has got a camera in-built, it supports communication with Indoor Unit.

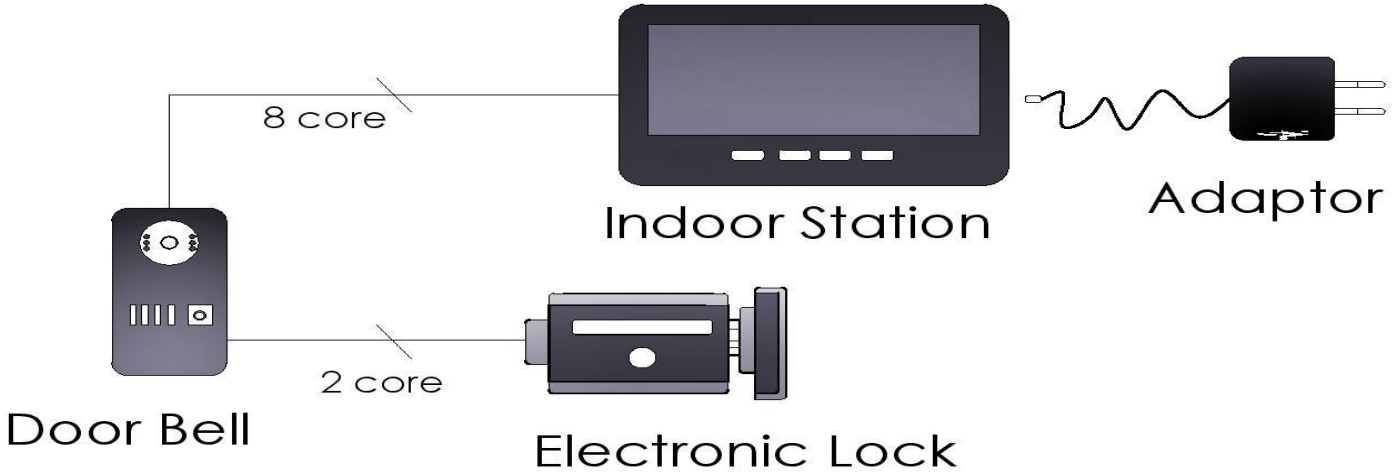
ELECTRONIC LOCK

- Electronic Lock is a device which gets operated remotely once the resident presses the Unlock key on the Indoor Monitor

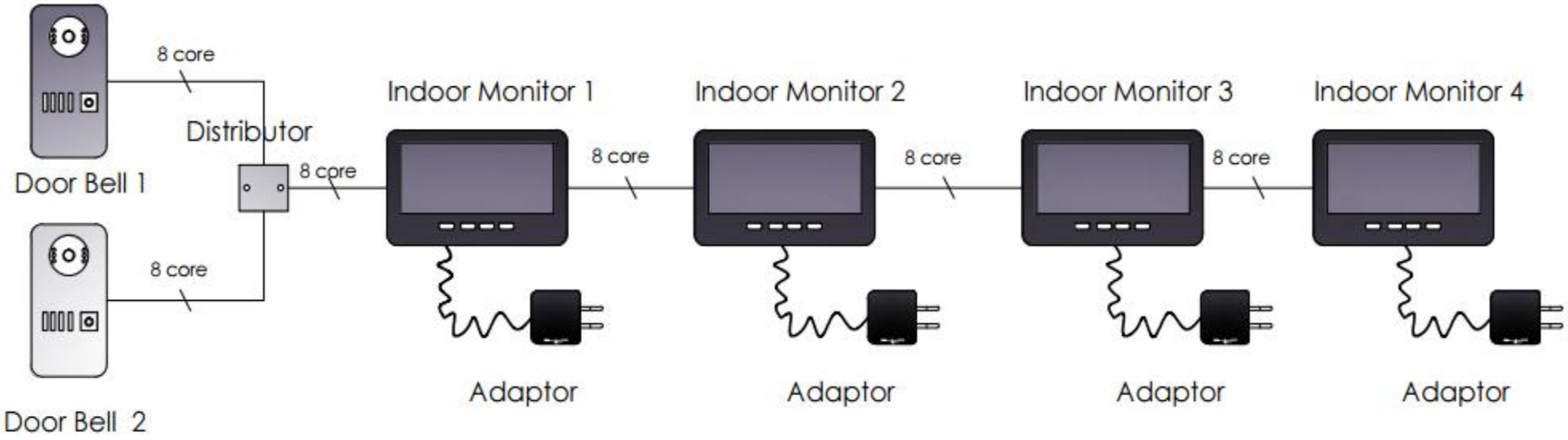
➢ Brief Description of Video Door Phone Equipment's

Distributor or Transfer Box

- Distributor is a device which is used whenever we need to connect Indoor monitor with more than one Outdoor bell , so it is also known as Bell Distributor or transfer Box.

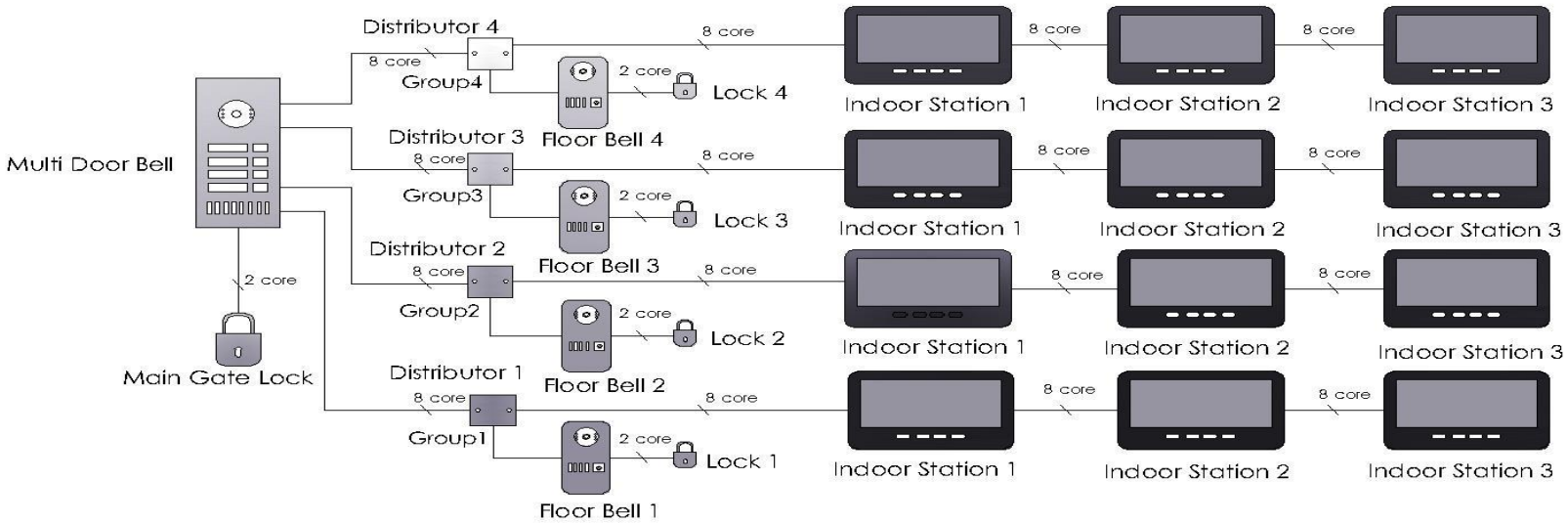


➢ Video Door Phone Wiring Diagram for Villa



➢ Video Door Phone Wiring Diagram for Multi floor Villa (with Multi Floor Bell and Separate Mini floor bell)

Analog Multi Villa Video Door Phone Wiring

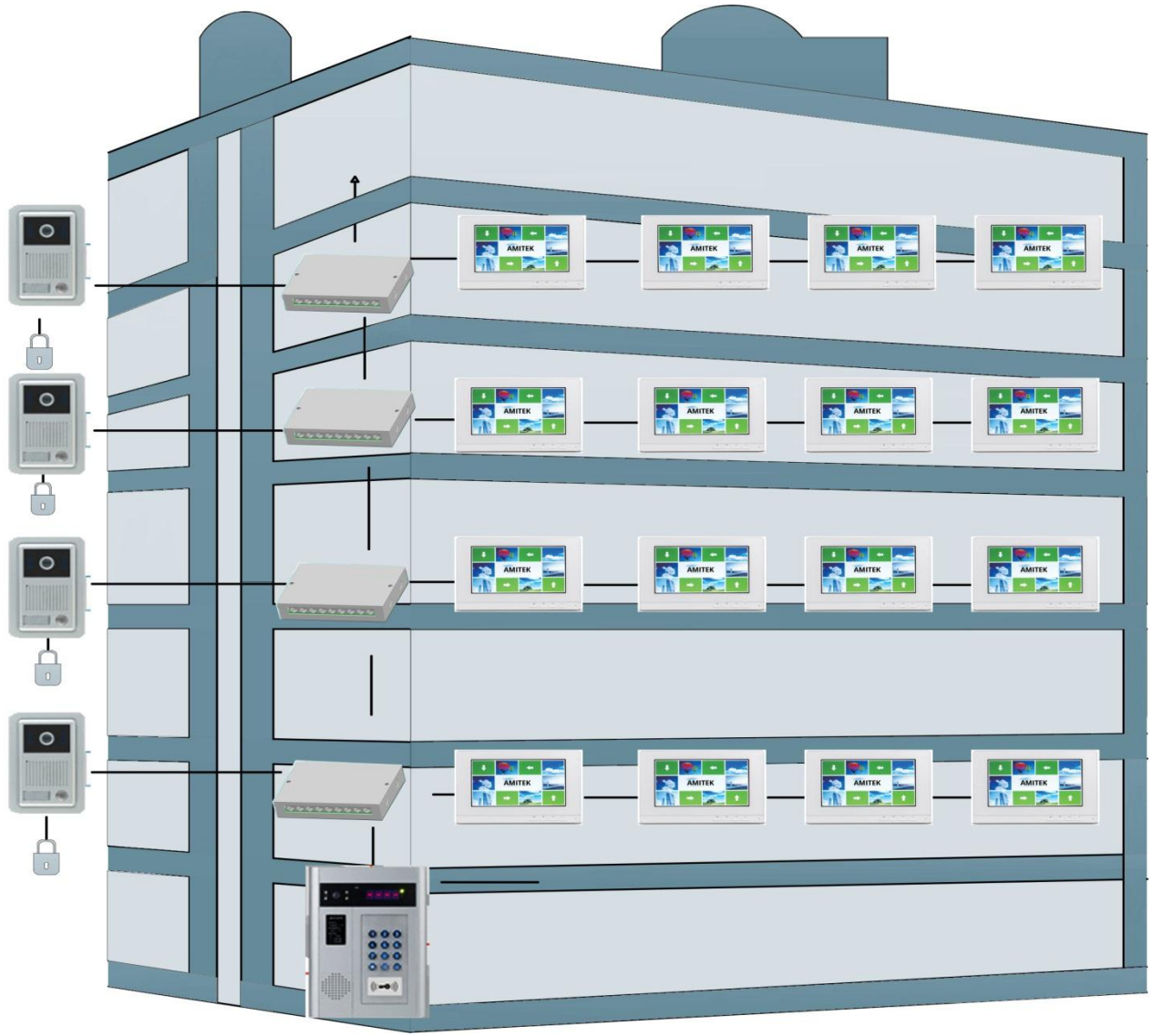


* 8 core Flexible wire:-

1. 0.5 sqmm 30 meter
2. 0.75 sqmm 30 to 100 meter
3. 1.0 sqmm 100 to 150 meter

* Need 2 Module (86mmX86mm) GI Box Behind Each Monitor With 220Volt AC Supply Phase & Nuteral

➢ Video Door Phone **Block** Diagram for Multi floor Villa (with Multi Floor Bell and Separate Mini floor bell)



➢ 4.3 “ Color Video door phone Kit

Indoor Monitor:

- 4.3" TFT LCD Indoor Monitor
- Button hand-free operation
- Talking / unlocking / Transferring / monitoring Volume, brightness and contrast adjustable
- Installation: Surface mounted
- Connection: 4-wire
- Ring back
- Possibility of connecting Up to 4 Monitors & 2 Outdoors using transfer Box

Outdoor Unit:

- 1/3-inch CCD camera
- 420 TV lines
- With IR LED for night vision
- Backlit Name Tag
- Aluminum Alloy Panel

➢ 7 “ Color Video door phone Kit

Indoor Monitor:

•7" TFT Color Video Door Phone

•Hands free

•Auto Selector Switch In-built

•Talking / unlocking / monitoring

•Volume, Brightness and contrast adjustable

•Installation: Surface mounted

•Connection: 4-wire

•Max. 4 monitors; 2 Outdoor Units using transfer box

Outdoor Station:

•Nano-glass shield

•Aluminum alloy With IR

•Waterproof

•Anti-vandal

•Name plate

➢ 7 “ Color Video door phone Kit with Memory (image Capturing and Video Recording function

Indoor Monitor:

- 7" TFT LCD Indoor Monitor With Memory
- Supports 32Gb SD Card
- Feather-touch button
- Hands free operation
- Talking / unlocking / Transferring / monitoring
- Volume, brightness and contrast adjustable
- Installation: Surface mounted
- Connection: 4-wire
- Ring back
- Possibility of connecting Up to 4 Monitors & 2 Outdoors using transfer box

Outdoor Unit:

- 1/3-inch CCD camera
- 420 TV lines
- With IR LED for night vision
- Backlit Name Tag
- Aluminum Alloy Panel

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Thank You!