CDP-1020AD

2010. APR. 16.
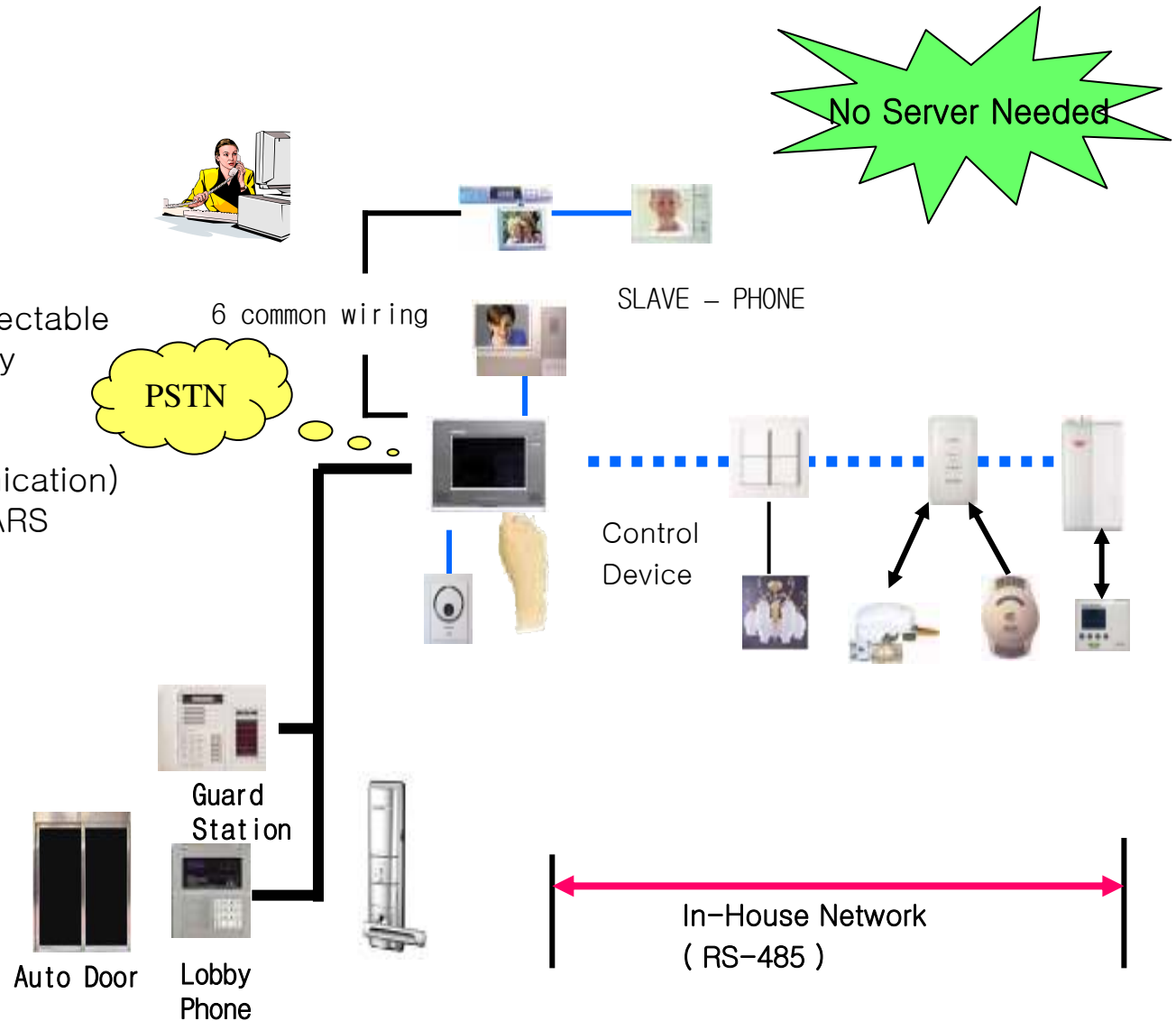
Home Network System with ARS control

No Server Needed

1. Specification
 - Talk : Analogue based
 - Video : NTSC
 - WALL PAD
   1) Video Sub units connectable
   2) Visitor Images memory

 - Control Devices
   Wired (RS-485 Communication)
 - Device control through ARS

2. Advantage
 - Server is not necessary

6 common wiring

SLAVE - PHONE

PSTN

Control
Device

Guard
Station

Auto Door

Lobby
Phone

In-House Network
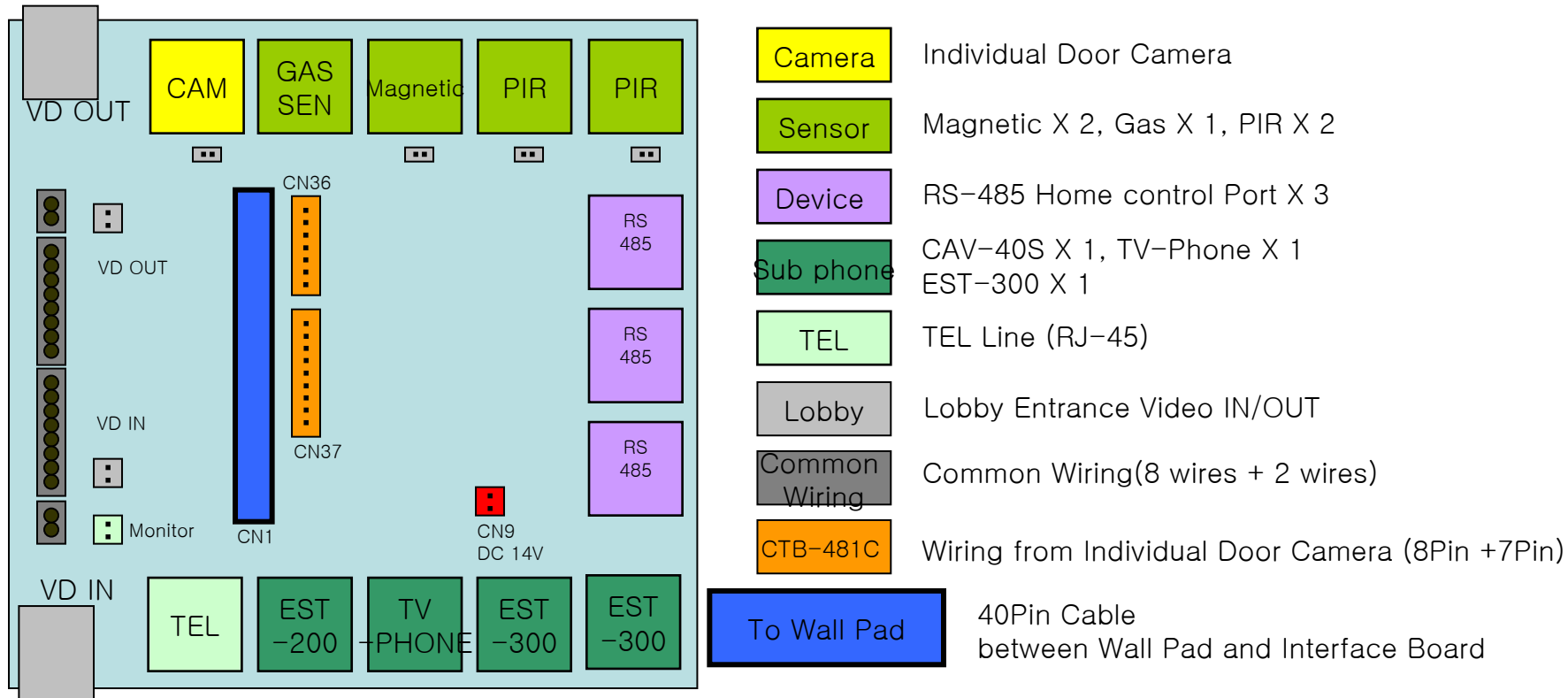(RS-485)

CDP-1020AD

1. Aluminum front design(CDP-1020A)

2. Video "DCP" Connection

   → Talking & Monitoring, Telephone and Device control,
3. Sub Phone
   → Video Phone 2 Units (Master to Slave Extension)

   → EST-300 1 Unit
4. Security
   → Burglar 1, 2 Zone / Magnetic and PIR, Fire 1 Unit

   → Gas leakage 1 Unit, Emergency 1 Unit(EST-300)
5. ARS Control
   → Lighting Group On/Off
   → Gas Close
   → Curtain Group On/Off
6. Emergency Auto dialer
   → Emergency Call to reserved 2 phone numbers
7. PNP Style control device connection
8. Device Control
   → Lighting Control : 32 CH
   → Gas Control
   → Curtain Control : 4 Units
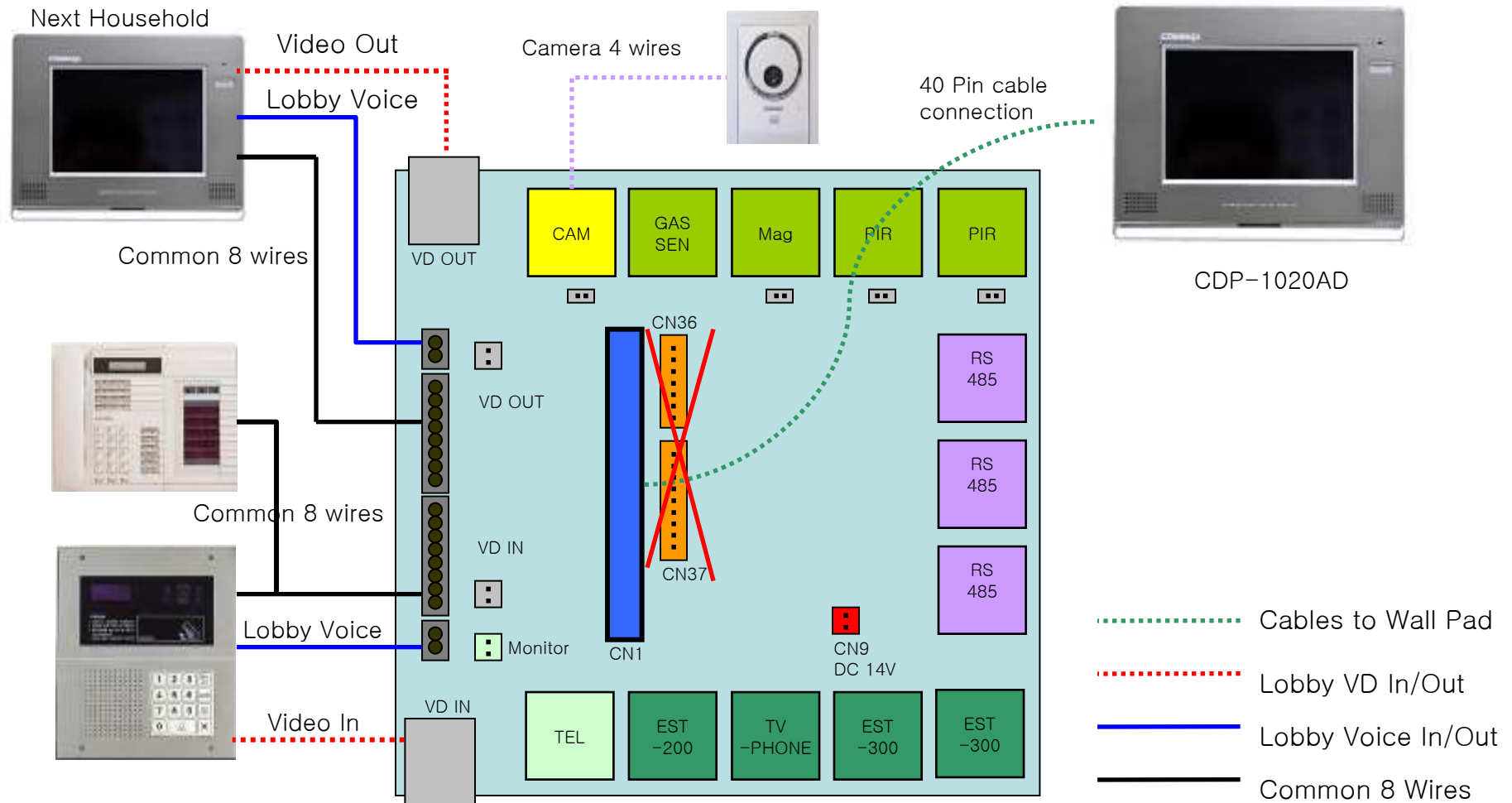
Video DCP

1. European Design(MIC-200)

2. Device Control
   → Lighting Control : 15 CH
   → Gas Control
   → Curtain Control : 4 Units

3. Talking & Monitoring, Telephone

Interface Board connecting (Before Wall Pad installation)

Label	Description
Camera	Individual Door Camera
Sensor	Magnetic X 2, Gas X 1, PIR X 2
Device	RS-485 Home control Port X 3
Sub phone	CAV-40S X 1, TV-Phone X 1 EST-300 X 1
TEL	TEL Line (RJ-45)
Lobby	Lobby Entrance Video IN/OUT
Common Wiring	Common Wiring(8 wires + 2 wires)
CTB-481C	Wiring from Individual Door Camera (8Pin +7Pin)
To Wall Pad	40Pin Cable between Wall Pad and Interface Board

Board labels:
VD OUT, CAM, GAS SEN, Magnetic, PIR, PIR
CN36, CN37, CN1
VD OUT, VD IN, Monitor
RS 485, RS 485, RS 485
CN9 DC 14V
VD IN, TEL, EST-200, TV-PHONE, EST-300, EST-300

- Except Gas sensor, keep Magnetic and PIR Sensors "Open"
- Keep 1 Amp power consumption for all sensors
- Use CTB-481C only when all the wires are passed through individual door camera not monitor
- Sub-Phone extension goes through Video In/Out wiring (Sub-Phone 10 Units Max.)

Wiring from Interface Board

Next Household

Video Out

Lobby Voice

Common 8 wires

Camera 4 wires

40 Pin cable connection

CDP−1020AD

CAM

GAS SEN

Mag

PIR

PIR

VD OUT

VD OUT

CN36

RS 485

CN1

Monitor

CN37

RS 485

RS 485

Common 8 wires

VD IN

Lobby Voice

CN9
DC 14V

Video In

VD IN

TEL

EST −200

TV −PHONE

EST −300

EST −300

.... Cables to Wall Pad

············· Lobby VD In/Out

────── Lobby Voice In/Out

────── Common 8 Wires

CBH-100 vs Video DCP table

	Model	CBH-100(Bluetooth Handy)	Video DCP (Digital Cordless Phone)
1	Model	CBH-100(Bluetooth Handy)	Video DCP (Digital Cordless Phone)
2	Wireless type	Bluetooth	TDMA
3	Frequency	2,4Ghz	1,7Ghz
4	Video frame	7 frames per a sec	1 frame per 2~3 sec
5	Device control	Available	Available
6	Telephone call	Available	Available
7	Visitor talk	Available	Available
8	Flat to flat call	Available	Available
9	Talk duration	Max, 2 hours	Max, 5 hours
10	Waiting mode (without battery recharging)	3~4 hours	50 hours
11	Distance	In Door 20M	In Door 30M
12	LCD	2,2 inch TFT	1,8 inch TFT
13	Remark	1,High price 2, Audio Quality is not good	1,Almost 40% lower price than CBH100 2, Audio Quality is not good and stable