

## Expanded control units



**GT-BCXB-N**  
Expanded bus control unit

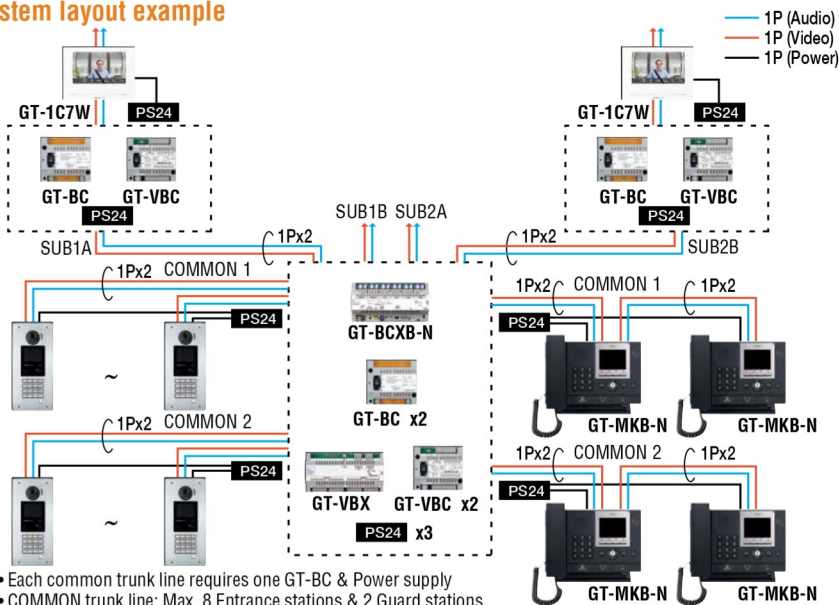


**GT-VBX**  
Expanded video bus control unit

### Features

- Expandable to max. 500 Tenant stations, 16 Entrance stations, and 4 Guard stations
- \* If multi-building control unit (GT-MCX) is used:  
Max. 500 Tenant stations, 15 Entrance stations and 3 Guard stations.

### System layout example

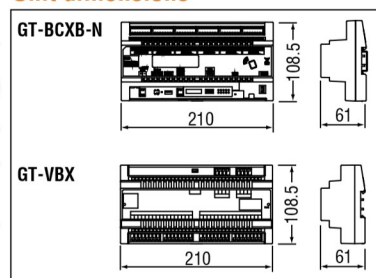


- Each common trunk line requires one GT-BC & Power supply
- COMMON trunk line: Max. 8 Entrance stations & 2 Guard stations
- SUB COMMON trunk line: Max. 125 Tenant stations

### Specifications (GT-BCXB-N, GT-VBX)

Power source	GT-BCXB-N, 24V DC, supplied from PS-2420S or 2420UL or 2420BF or 2420DM or 2420 GT-VBX: Supplied from GT-BCXB-N
Wiring	Common single-pair cable
Material	GT-BCXB-N: Self-extinguishing ABS resin GT-VBX: Fire-retardant ABS plastic

### Unit dimensions



## Power supply



**PS-2420S**  
**PS-2420UL**  
**PS-2420BF**  
**PS-2420**  
Power supply



**PS-2420DM**  
Power supply

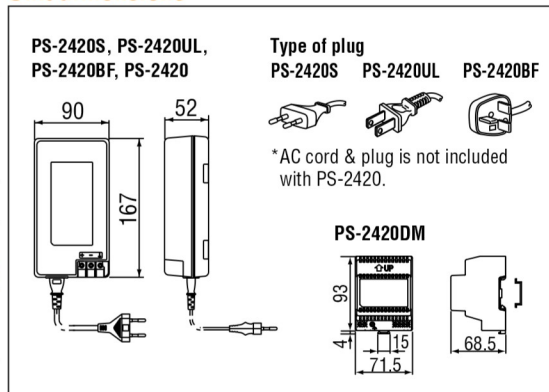
### Specifications (PS-2420S, PS-2420UL, PS-2420BF, PS-2420)

Input voltage & Capacity	100-240V AC, 50/60Hz, 110-140VA
Output voltage	24V DC, 2A

### Specifications (PS-2420DM)

Input voltage & Capacity	230V AC, 50/60Hz
Output voltage	24V DC, 2.0A

### Unit dimensions



## Option



**GT-RY**  
External signaling relay for entrance light, external buzzer



**W-DIN11**  
DIN mounting rail for GT-BC, GT-VBC, GT-4Z



**AE7090220B AE7090220G**  
AIPHONE approved product wire  
→ P.136