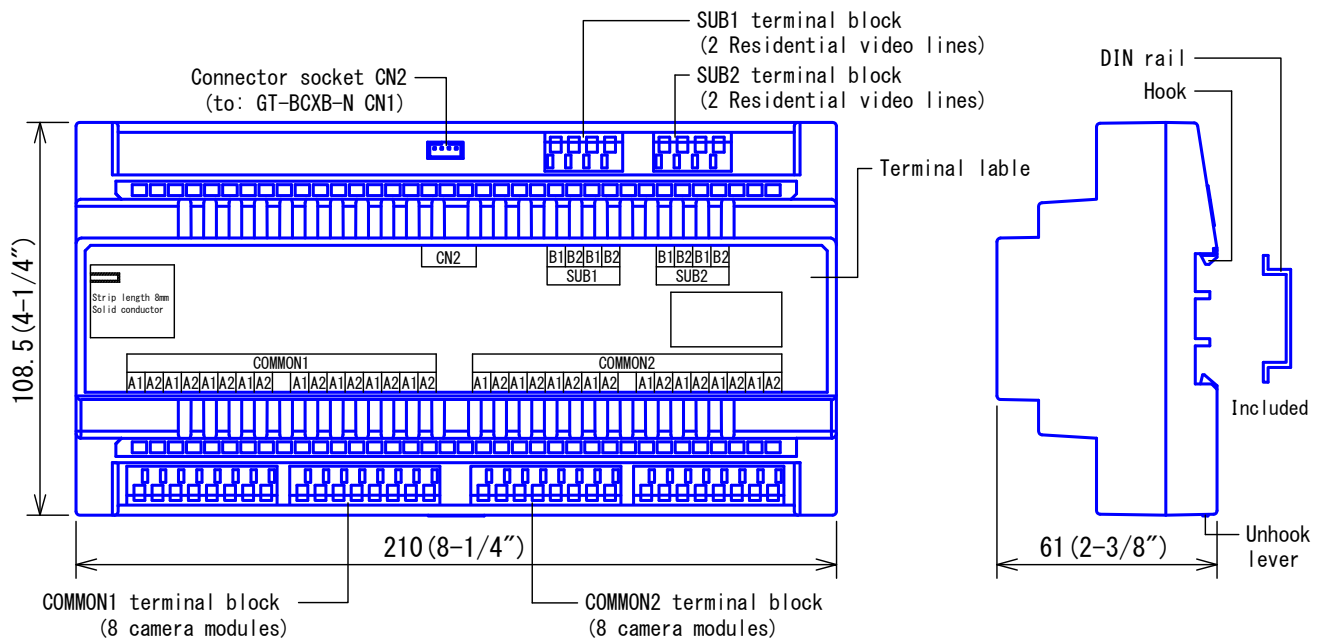
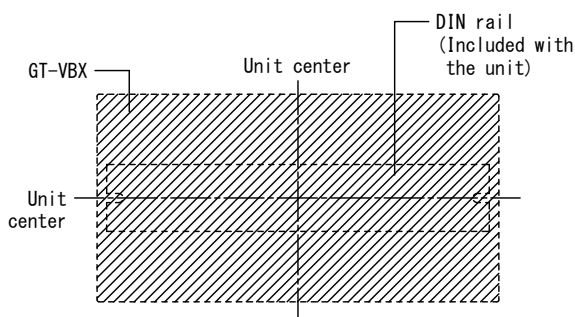


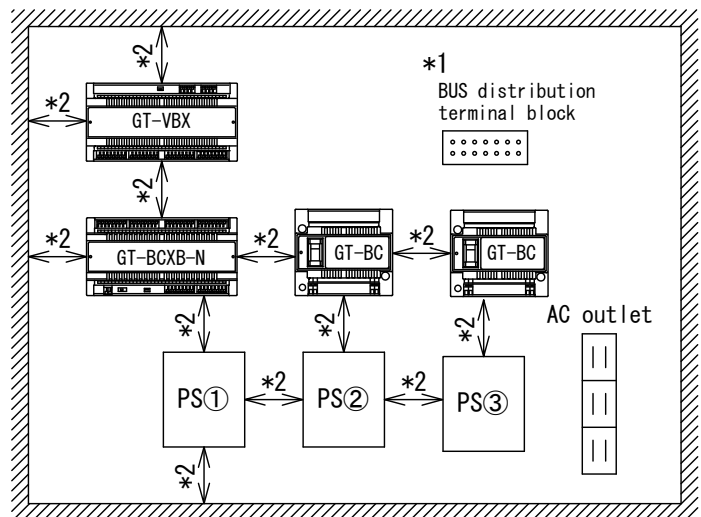
PRODUCT DRAWING



MOUNTING



As shown below, it is suggested to mount the Expanded Bus control unit & Expanded video control unit, along with Common trunk line 1, 2 Bus control units, Power supplies on the panel inside an enclosure box, or separately.

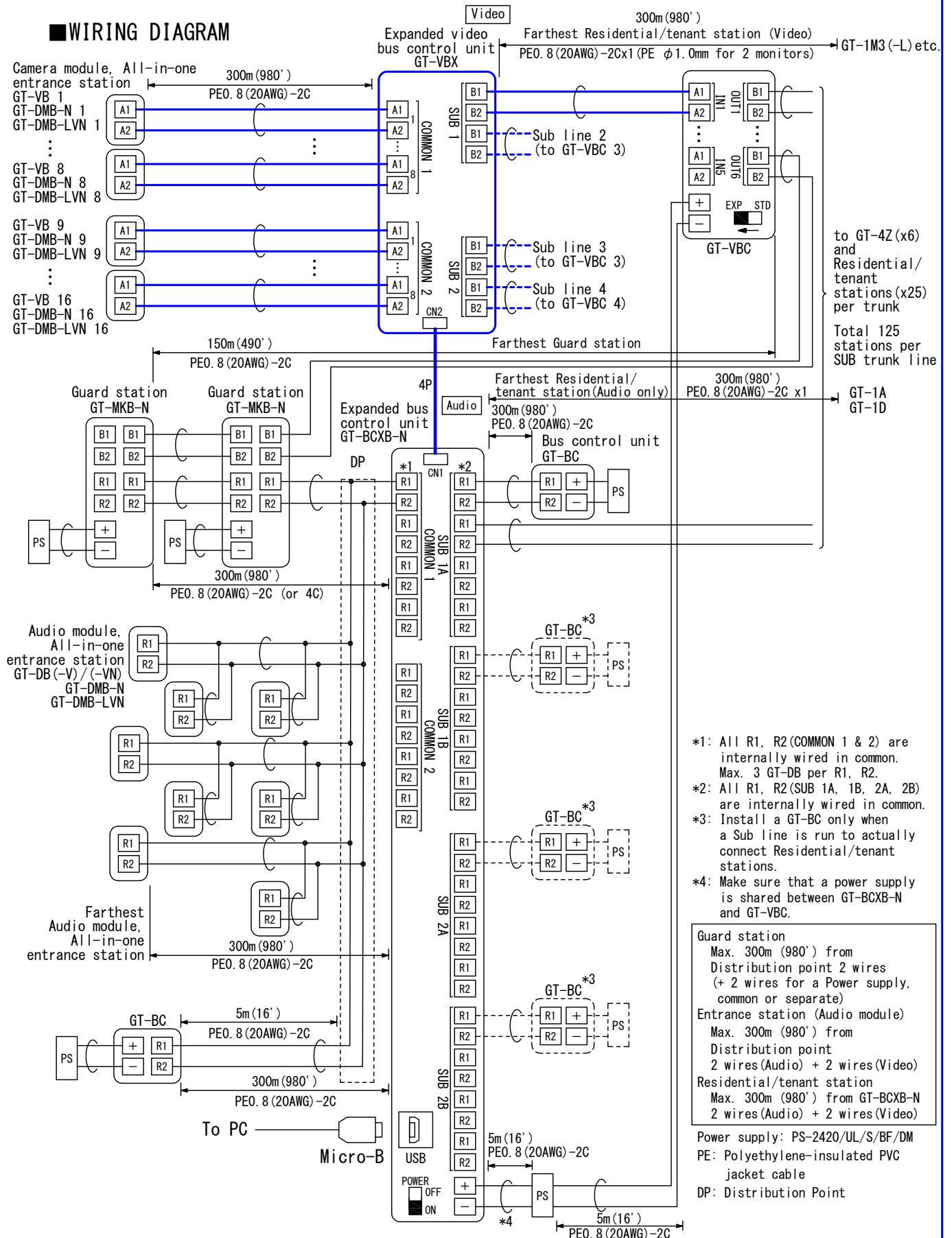


PS 1: PS-2420/UL/S/BF/DM for GT-BCXB-N, Expanded Bus control unit
 PS 2 & 3: PS-2420/UL/S/BF/DM for GT-BC's, Common trunk 1 & 2 Bus control units
 *2 Keep a space of 50mm(1-15/16") or more between the walls, and between the units for heat radiation and servicing purpose.

DESCRIPTION	FIG. NAME	UNIT	DATE
EXPANDED VIDEO BUS CONTROL UNIT	PRODUCT DRAWING	mm	4 July, 2017
MODEL NO.	FIG. NO.	PAGE	REVISION
GT-VBX	G57589-1-3	1/3	2

AIPHONE

WIRING DIAGRAM



DESCRIPTION	FIG. NAME	UNIT	DATE
EXPANDED VIDEO BUS CONTROL UNIT	WIRING DIAGRAM	mm	13 November, 2020
MODEL NO.	FIG. NO.	PAGE	REVISION
GT-VBX	G57589-2-3	2/3	3

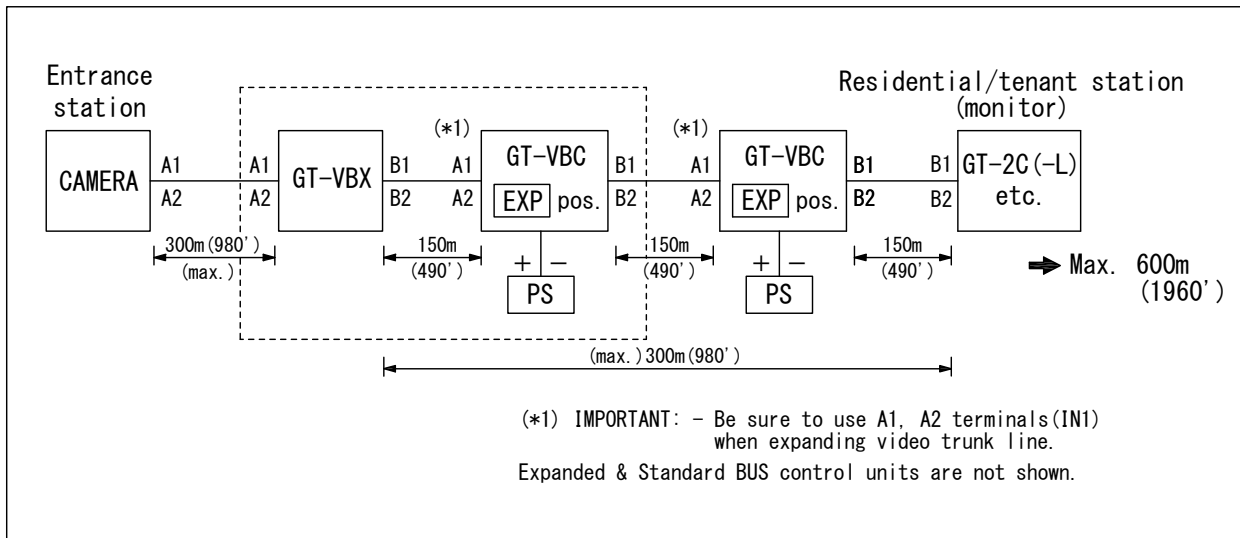
AIPHONE

■ RESTRICTIONS

- Regarding wiring of common & sub trunk lines, run audio and video wires in separate-jacketed cables.

■ FUNCTIONS

- Transmitting video signals from Entrance stations and Guard stations to Residential/tenant stations via GT-VBC, Video Bus control unit on each Sub trunk line.
- Max. 600m (1960') distance between an Entrance station and a Residential station (any pair). (Applies to a GT system of any configuration.)



- Max. two GT-VBC (EXP pos.) can be connected per Sub line.
- When an entire GT Expanded system is in standby, two audio/video paths can take place for entrance station call-ins, provided that each communicating parties are on the same trunk line (i.e. one on COMMON 1-SUB 1 line, the other on COMMON 2-SUB 2 line).

■ SPECIFICATIONS

Power source	DC 24V. Supplied from GT-BCXB-N Expanded Bus control unit		
Ambient temperature	0~40°C (32~104° F)		
Mounting	DIN rail		
Material	Self-extinguishing ABS plastic		
Weight	370g(approx.) (0.82 lbs)		
Unit color	Middle gray (N6.4 Munsell Approximation)		
Capacity	Entrance station	Expanded system: Max. 16 (Max. 8 per common trunk 1 & 2)	
	Residential/tenant station	Expanded system: Max. 125 per Sub trunk line (Max. 25 per trunk)	
	Guard station	Expanded system: Max. 4 (Max. 2 per common trunk line 1 & 2) * For multi building system, refer to the specification of GT-MCX.	
DESCRIPTION EXPANDED VIDEO BUS CONTROL UNIT		FIG. NAME RESTR. /FUNC. /SPEC.	UNIT mm
MODEL NO. GT-VBX		FIG. NO. G57589-3-3	DATE 11 July, 2017
		PAGE 3/3	REVISION 2
		AIPHONE	