

# GT-VAX

## CCTV Interface Module for GT Multi-Unit Video Entry System

### - INSTRUCTIONS -

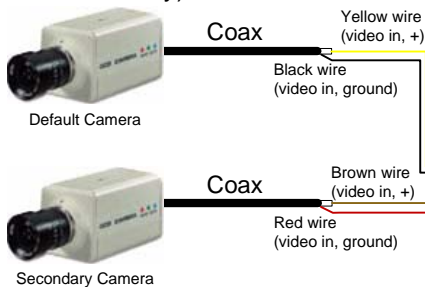
The GT-VAX is a video module that provides a connection for up to 2 external CCTV cameras for viewing the area surrounding the GT entrance panel. When a visitor calls from the entrance station, the view from the separate CCTV camera will be seen on the tenant's monitor station. The tenant has the option to switch over to a second CCTV camera (if equipped). The GT-VAX module will be installed in the entrance panel, but will not be seen.

### ENTRANCE PANEL CONFIGURATION:

1. The GT-VAX module takes the place of the standard GT-VA module, and must be located in the entrance panel.
2. A blank plate (GF-BP) is required to cover the GT-VAX, so it will be out of sight from the outside of the panel.
3. The remote CCTV camera (powered locally) connects to the back of the GH-VAX module as shown below. The camera location is intended to provide a wider view of the lobby or entry area, other than a direct frontal view of the visitor.
4. Build the remainder of the GT entrance panel in the same manner as any other GT station, with the GT-DA-L Audio Module connected directly with the GT-VAX, then all other modules connected as designated in the GT Installation & Operation Manual.
5. Programming and operation of the GT entrance panel when using the GT-VAX CCTV interface module is the same as a standard GT panel.

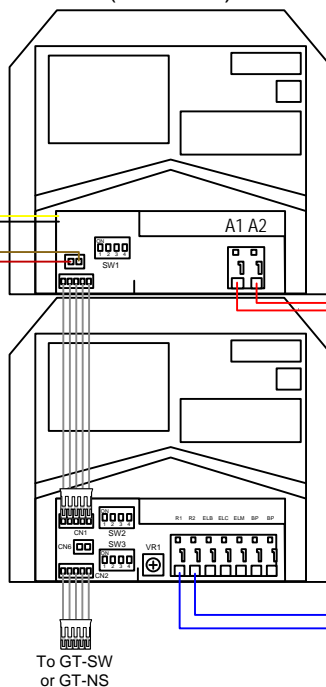
### WIRING DIAGRAM:

#### CCTV Cameras (powered locally)



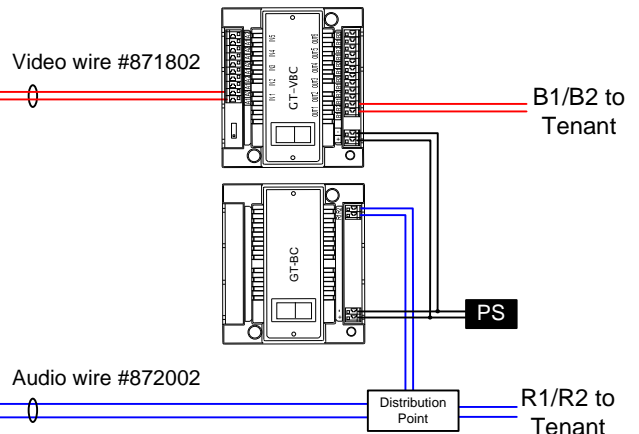
If only using 1 CCTV camera, connect it to the Yellow and Black wires. The secondary camera to the Brown and Red wires will be used if you desire another camera in the lobby area and the ability to switch between the two cameras.

#### GT-VAX w/ GT-DA-L (rear view)



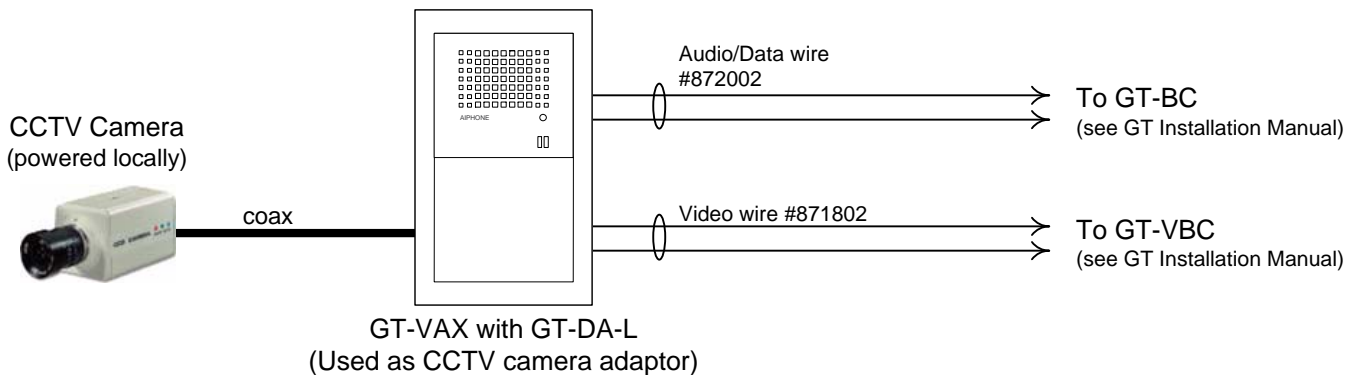
#### GT-VAX:

This unit is used in place of a standard GT-VA, so there is no camera built into the entrance panel. The only video is from the external CCTV camera(s).



### OPTIONAL CONFIGURATION (Stand-alone CCTV Adaptor):

1. GT-VAX can be used as a stand-alone CCTV adaptor if system capacity allows it. This station will count as 1 of the 16 entrance panels allowed in the system. **No programming is required at this entrance.**
2. Stand-alone camera panel should be comprised of (1) GT-VAX, (1) GF-BP, (1) GT-DA-L, (1) GT-DP, (1) GF-2F. Either GF-2B (semi-flush) or GT-102HB (surface mount) should be used for mounting the hardware.
3. The dip switches on the GT-DA-L associated with the GT-VAX must be set as a separate entrance panel from any other entrance panel in the system. It is recommended that these dip switch settings be adjusted with the power on the GT-BC and GT-VBC turned off. If the dip switch settings are changed with power applied, you must recycle power to the GT-BC and GT-VBC prior to the changes taking affect.  
**Note: Dip switch 1 on the GT-DA-L must be on to enable the monitoring feature from the tenants. Refer to GT instructions, Section 5-18.**
4. Video image will come from the remotely located CCTV camera, and will be triggered on only when the stand-alone panel is engaged. This occurs when a tenant cycles through the entrance stations by pressing the KEY button (sequentially) when the system is in standby mode. (If a visitor calls from an entrance station, tenant viewing will be cut off).



### OPERATIONS:

1. Visitor comes to Entrance panel and calls tenant. (See standard operational instructions.)
2. Video image will come from the remotely located CCTV camera, and will be present on the tenant monitor only when the entrance panel is engaged, or when a tenant selects that entry to be viewed. If full time video is required from that camera, alternate connections are required.
3. Use the guard key on the tenant station to switch between cameras attached to the GT-VAX (if equipped).

*Note: Monitor mode functionality (of a entry station or GT-VAX in stand-alone configuration) is of the lowest overall priority and will be overridden by any other system communications or calling function.*

### SPECIFICATIONS:

Power Source:	Supplied from GT-VBC
Video Input:	1V peak-to-peak, 75 ohm (composite video)
Mounting:	GT-VAX video module mounts inside GT entrance panel in place of standard GT-VA module Use GF-BP blank panel to cover the GT-VAX module
Temperature:	32°F ~ 104°F (0°C ~ 40°C)
Terminations:	Color-coded prewired pigtails, connector, and tension terminals
Wiring:	2 conductor, non-shielded, solid wire from GT-VBC. Use Aiphone 871802 wire.
Wiring Distance:	980' from GT-VBC
Dimensions (HxWxD):	3-5/8" x 4-1/4" x 2"

**NOTE:** Only information concerning the GT-VAX is shown here. For complete system installation, please refer to the GT installation manual.

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