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SB005-IM

Integration Module – Expanding the System to Support Six Cameras

I. Application/Purpose

The Unity Integration Module can be expanded to support a total of six cameras. This bulletin will explain the proper parts necessary to complete the installation as well as explain the connectivity required for these cameras to be viewable via the camera menu on the Unity GUI (Graphic User Interface).

II. Associated Part Numbers

HA6001 – Unity Integration Module
IC5003-xx – Selective Call Video Door Station
CM5002-xx – Ball Cameras
CM1010 – LCD Module
CM1011 – Cat 5 Camera Module
CM1017 – Yellow Mini RCA Patch Cable
PW1060 – 24v 2.5 Amp Power Supply
PW7725 – 12v 2.4 Amp Power Supply

III. Explanation

Out of the box, the Integration Module has connectivity points for two Ball Cameras (CM5002) as well as two Selective Call Video Door Stations (IC5003). The two Camera ports on the module are strictly for Ball Cameras (See NOTE). The Q-Link Video ports are designated for the Selective Call Video Door Stations but can also be used to connect Ball Cameras.

NOTE: DO NOT plug in our Color or Black & White Bullet Cameras into these ports. Bullet Cameras are 12v devices that will be damaged by the 24v being provided by the Integration Module. Incompatible part numbers include the F2299, F2287, F2286 and the F2284.

Expanding to six cameras requires the use of the LCD Module (CM1010) and the Cat 5 Camera Module (CM1011) as well as the use of two CAT5e jumper cables. Connect both jumper cables to the Camera 1 and Camera 2 ports. Connect the other side of the jumpers to port 1 and port 2 of the LCD Module. This will make the LCD module a slave to the Integration Module. You will then have four video inputs to work with (See Figure 1).

To complete the installation, connect cameras one 1 through 4 to the Cat 5 Camera Module; then use the video outputs for each camera to connect to the LCD module. The Cat 5 Camera Module supports both the Ball and Bullet-style cameras. This setup, along with the two Video Door Stations, will give you a total of six cameras.

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Please keep in mind that once this solution is implemented, the two Video Door Stations will automatically become Camera 5 and 6 in the Camera menu on the Unity GUI. Camera 1-4 will be designated as the cameras plugged into the Cat 5 Camera Module. At this time there is no way to change how the system sees this assignment.
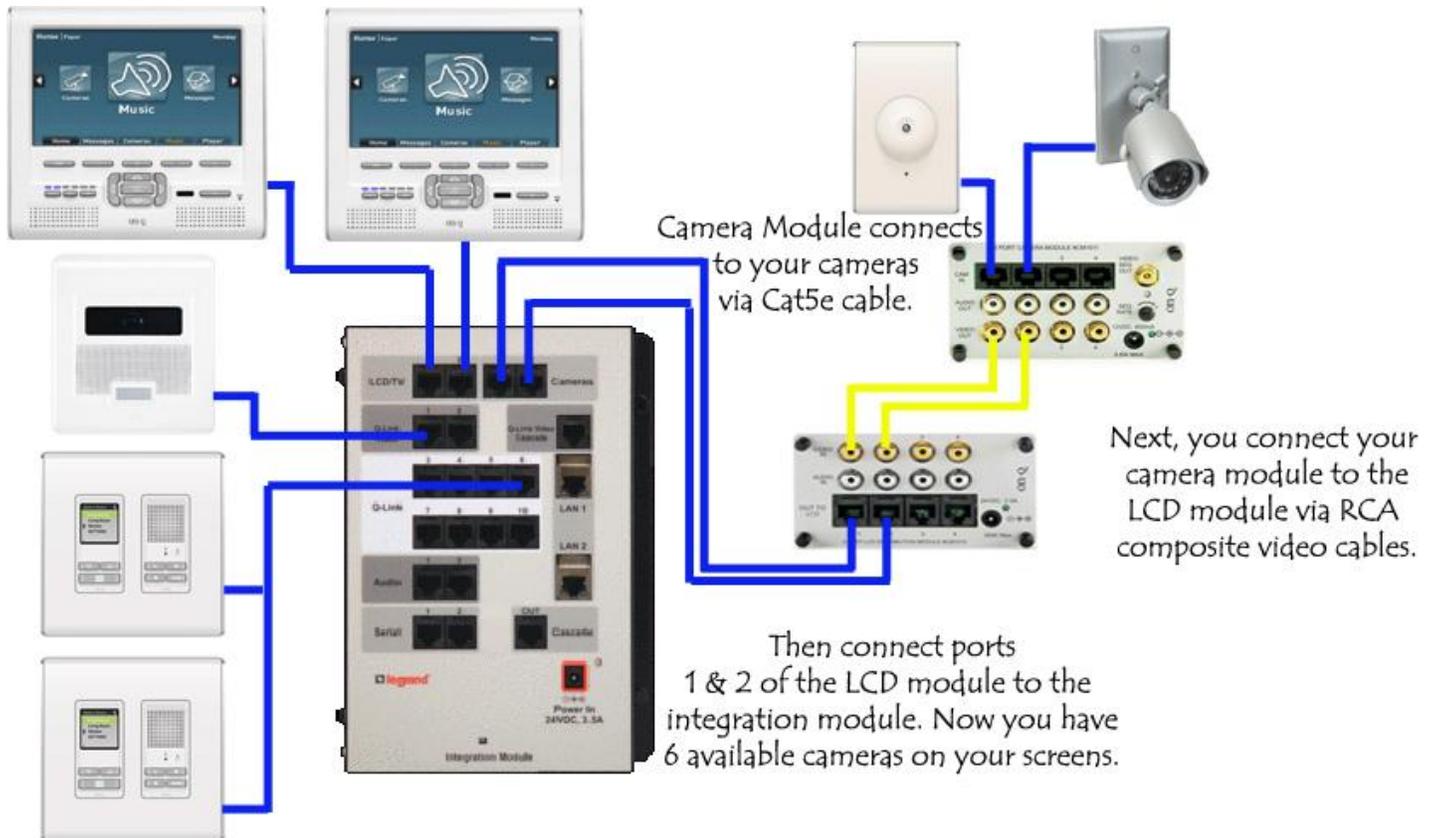

FIGURE 1