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1. INTRODUCTION

The On-Q/Legrand LCD Display Module (P/N CM1010) (see **Figure 1**) routes Audio/Video feeds from On-Q Cameras, and other A/V equipment with RCA output jacks, to On-Q LCD Panel Displays (P/N HA5000-xx) or TV Display Interfaces (P/N HA5201-xx), enabling homeowners to monitor up to four different areas of the home from one or more displays.

2. DESCRIPTION

The LCD Display Module features:

- One-wire Installation: Power/Video/Audio supplied over single Category 5 cable to each LCD Display
- Direct routing of audio/video signals from On-Q Cameras to LCD Panel Display(s)
- Direct routing of other audio/video equipment, such as a VCR, to LCD Panel Displays
- Included Single-Bay Module Mounting Bracket (P/N 364890-01) (see **Figure 2**)

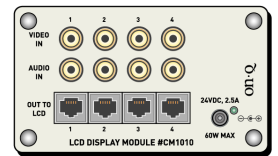


Figure 1

3. OPERATION

Figure 5 shows an example installation. Video from two cameras are sent via Category 5 cable to the 4-Port Camera Module (P/N CM1001), which is located in the enclosure. The camera video feeds are passed to the LCD Display Module via RCA jumper cables. In this example, a digital TV tuner or old VCR tuned to the Weather Channel passes continuous audio and video from that channel via RCA jumper cables to another set of RCA jacks on the Display Module.

Any of the four possible sources (CAM1, CAM2, and the Weather Channel shown in the example) are available to be selected for display at each of the four "OUT TO LCD" RJ45 Jacks. Up to four LCD Panel Displays are supported by the module, each connected via a single Category 5 cable. The viewer can then cycle through the video feeds for display using the push-buttons on the LCD Panel Display.

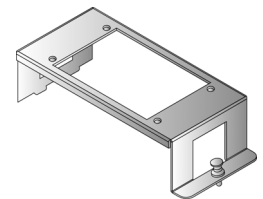


Figure 2

4. INSTALLATION

NOTE: Refer to **Figure 4** for Instruction/Installation Sheets for other components shown here.

1. Home-run one Category 5 cable from the enclosure to each LCD Panel Display location.
2. Using the T568A Wiring Standard (see **Figure 3**), terminate both ends of each Category 5 cable with RJ45 plugs and test the cable to insure it is terminated correctly.
3. Insert the RJ-45 plug into the LCD RJ-45 jack on the rear of each LCD Panel Display.
4. At the enclosure, insert the RJ-45 plugs coming from any of the Cat 5 LCD Panel Displays into the desired RJ-45 jack labeled "OUT TO LCD" on the LCD Display Module.
5. Connect the "CAM1-4 video out" jacks on the 4-Port Camera Module to the "Video In" jacks on the LCD Display Module using RCA Jumper Cables.
6. If appropriate, connect a separate A/V source directly to the LCD Display Module using RCA Jumper cables.

T568A Color Code Reference

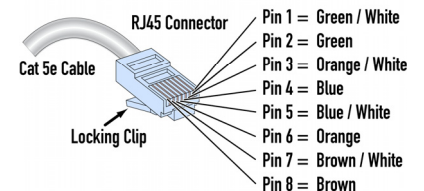


Figure 3

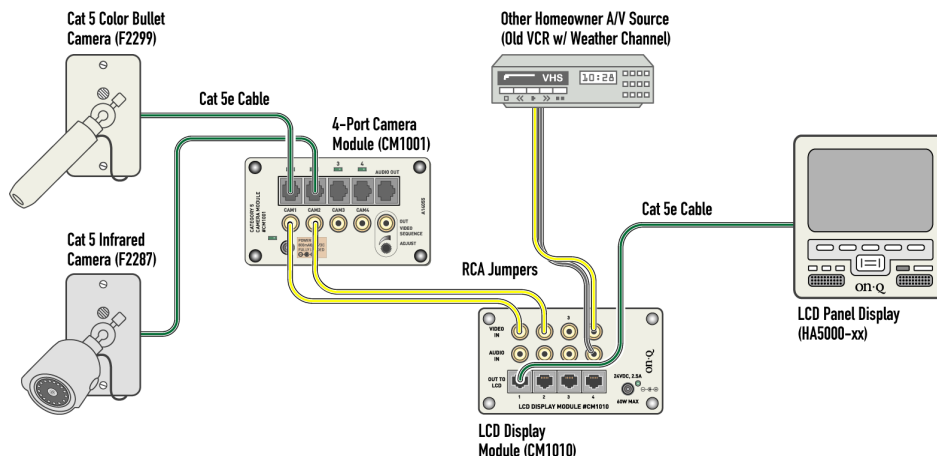


Figure 5

Related Instruction/Installation Sheets

- IS-0352 Cat 5 Color Bullet Camera (F2299)
- IS-0352 Cat 5 Infrared Camera (F2287)
- IS-0351 4-Port Camera Module (CM1001)
- IS-0390 LCD Panel Display (HA5000-xx)
- IS-0385 SCI Module (IC5001)

Can be downloaded from:
<http://www.onqlegrand.com/techdoc/issheets.php>

Figure 4

7. **Figure 6** shows the optional 2-conductor wiring run between the CM1010 LCD Module and the SCI Module (IC5001). This wiring is used to wake up the LCD Panel Display and show images from whatever is connected to input #1 (in this case the front door camera) when someone presses the SCI Door Unit doorbell.

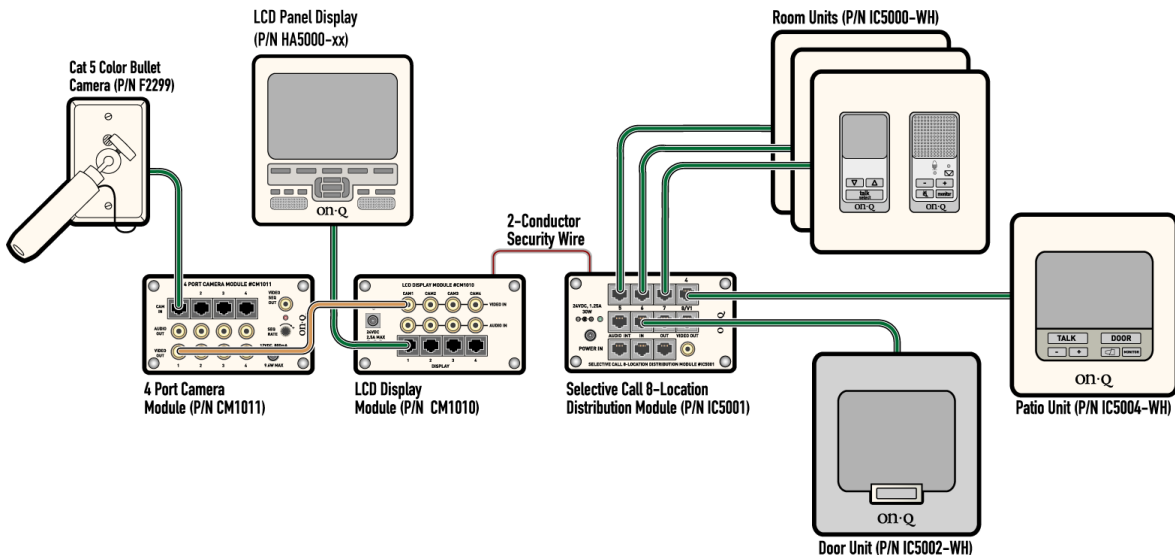


Figure 6

