

## **Elite PI Installation Requirements.**

### **Car and Machine room work :**

#### **Wires required in traveling cable per car:**

Power (110/240 VAC)

3 x 18 gauge wires unscreened for our MicroComm data driver.

#### **Options**

Three twisted shielded pairs 24 AWG or larger for remote graphics update.

One coax cable RG6 recommended for live video.

One twisted shielded pair. 24AWG or larger Allows audio to be used in conjunction with live video.

(Speaker supplied by customer.)

#### **Elite display mounting per car:**

Mount Elite / Luxury PI into car panel onto 8 studs. Hookup 110/240vac power supply, Connect the 3 – 18 gauge wires from our controller / MicroComm driver board,

#### **Options**

Connect the 3 twisted shield pairs for graphics update, coax for video, twisted shielded pair for audio.

#### **Machine room work:**

Mount and hookup our MicroComm driver board in each elevator controller provided they have not been preinstalled.

Hook up the 3 – 18 gauge wires from each car to each MicroComm driver board / controller.

#### **Options**

Mount the Bank / Moxa card box to the wall in a central location convenient to both the controllers and the IT people for interface.

Provide 240vac and wire the twisted pairs and ground wire for downloading from each of the controllers to connections provided in the Bank / Moxa card box.

Provide video cable coax RG6 and one twisted shielded pair for audio if required to each display.

Elevator wiring and installation work is done at the bank card in each machine room.

**Work by others:****IT People:**

Provide Ethernet wiring to each machine room and hookup to the MOXA Ethernet card in each Bank card box and establish an IP address to communicate with the cards in each bank. Install Elite editor and transfer software on the Host Computer where ever it is. Test system to make sure they can communicate.

**Electricians and or Video people:**

Provide the Video signal to the building and convert from what ever the video source will be to composite video output. The inputs are a Composite video BNC connection per car in each Bank card box.

This means that the electrician will need to provide a Splitter / Amplifier per machine room to divide the signal to each of the car inputs.

Elite video input is Composite video and is one BNC input per car.

**Note: Beware of grounding issues with the video source!**

**Disclaimer:**

The above information is to be used as a guide only. Additional work may be required if other requirements become necessary.