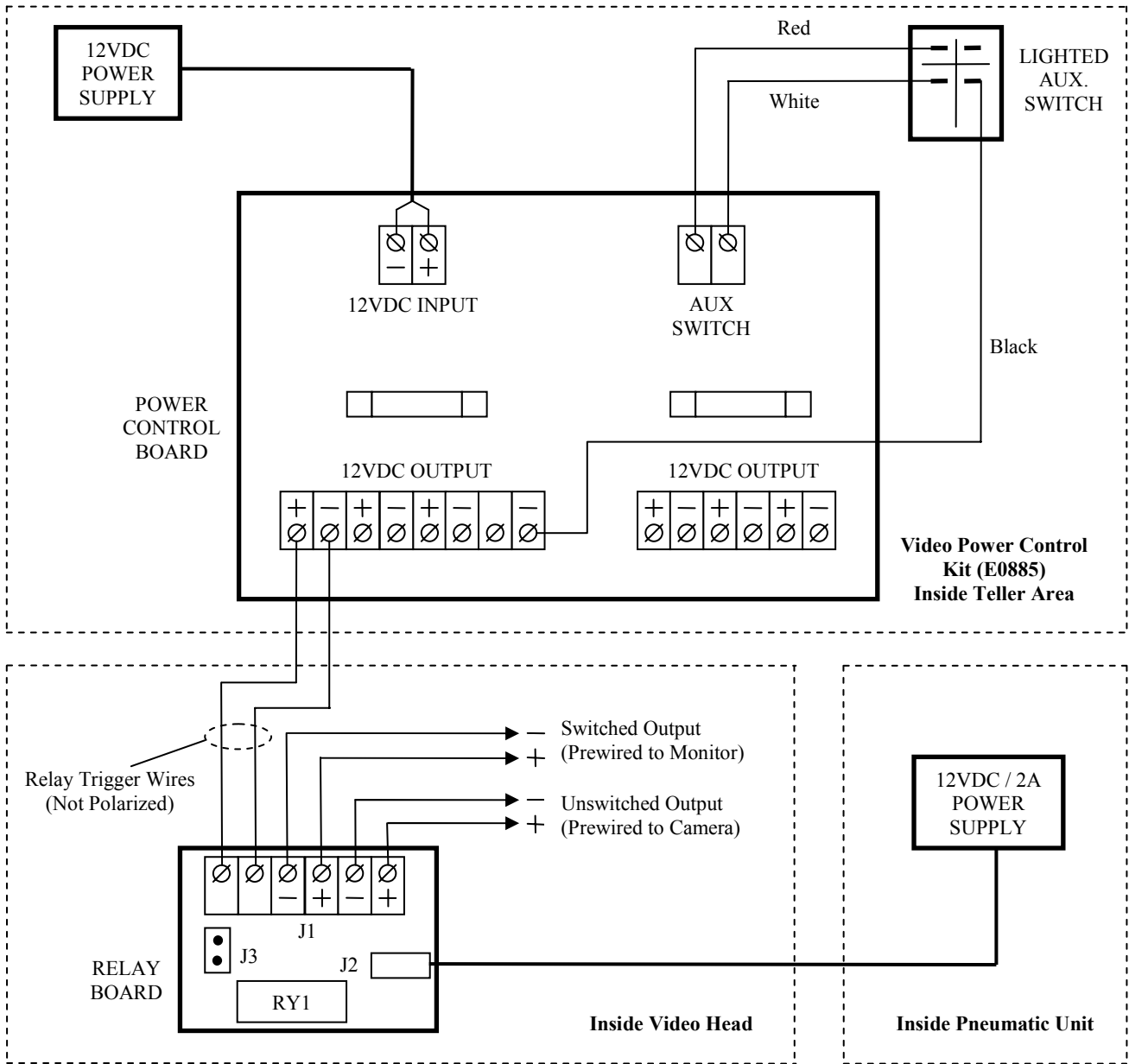


# B5517 Remote Video Unit

---

The B5517 Remote Video Unit requires 12VDC at approximately 1.5A to operate properly. This requires that power be provided directly at the pneumatic unit to avoid the power drop associated with long wire runs. Each B5517 is supplied with a 12VDC, 2A power supply. An optional 5500 Video Power Control Kit (E0885), ordered separately, is used to control the relay board in each video head so the monitors, and optionally the cameras, can be turned off when desired. For larger installations it may be desirable to have more than one power control kit if some lanes are closed at times while other lanes are open.

- The video head will be positioned to the top right of the pneumatic unit as viewed by the customer. Use the enclosed template to drill holes in the top of the pneumatic unit for the bracket and cables. *(The template ensures that the video head will not stick out past the front of the pneumatic unit where it could be damaged by a vehicle.)*
- Feed the video cables, the 2A power supply cable and the relay trigger wires from the power control kit from inside the pneumatic unit through the top of the unit and through the video mounting bracket. Attach the mounting bracket to the pneumatic unit with the (4) supplied washers and nylon lock nuts.
- Remove the screws from the back of the video head and then remove the front cover. Note that not all screws for the cover are installed at the factory. The remaining screws are in the bag of accessories.
- Route the cables from the bracket through the back of the video head and up behind the monitor. *(Use care when fishing the wires behind the monitor to avoid damage to the circuit boards.)* Attach the video head to the mounting bracket with (4) screws provided in the accessory bag. Two of the screws are security type. A driver bit is included for the security screws.
- Connect the monitor cable to the top left BNC connector and the camera cable to the top right BNC connector in the video head as labeled. Connect the power supply cable and the relay trigger wires to the relay board near the top rear of the monitor per Figure 1 on the back of this document. Slide the excess cable back through the bracket and into the pneumatic unit and then install the end caps from the accessory bag into both ends of the bracket.
- Plug the power supply into a 110VAC outlet.
- Place the unit in “service” mode by placing the service switch at the upper left of the video head to the rear position. This will connect the camera video directly to the monitor. *Note: If the video power control kit in the teller area is not yet installed or turned on, it will be necessary to temporarily move the video power wires from the switched to the unswitched terminals of the relay board to test the video unit.*
- Tilt the camera vertically in its bracket to achieve the desired viewing angle. The camera has been focused at the factory and no further adjustment should be necessary. If focusing is required, loosen the small set screw on the side of the lens and then rotate the lens to the desired focus. Tighten the set screw when finished.
- No adjustments should be necessary to the monitor but a menu board with adjustment buttons is located directly under the screen for those familiar with adjusting LCD screens.
- Once all adjustments are satisfactory, place the unit in “normal” mode by placing the service switch to the forward position. Replace the front cover and secure using all the screws. Two of the screws are security type. A driver bit is included for the security screws.



**Figure 1**

When using the Video Power Control Kit (E0885) shown above, be sure to follow the color code when connecting the lighted switch to the control board. The switch can be mounted in any suitable location, including the foot of one of the B5550 Teller Video Unit stands. The power control kit should only be used to control power to the relay boards in the video units as shown. **DO NOT** power video units directly with the power control kit.

The monitor power is prewired to the switched output and the camera power is prewired to the unswitched output of the relay board as shown. Move the wires as appropriate if your application is different. **(Be sure to unplug the power supply before changing any wiring on the relay board.)**