



Drivers Door Cut With Delay

» » » » » » » » » » LEADING THE WAY IN INNOVATION » » » » » » » » » »

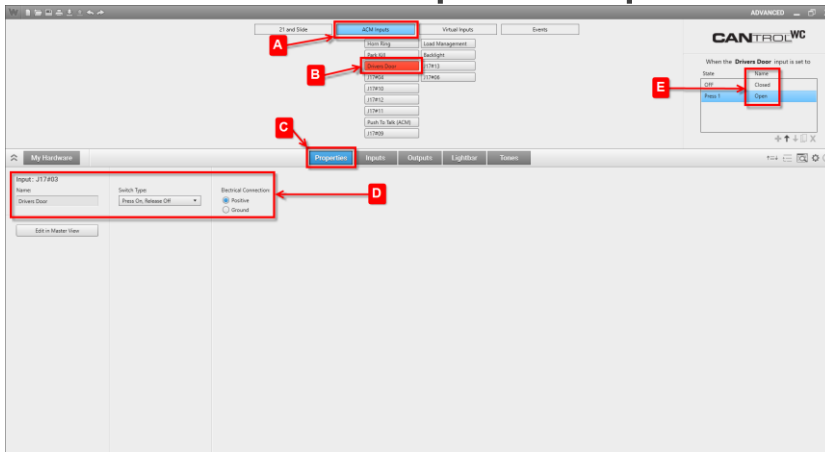
Drivers Door Cut With Delay

In this scenario when the Drivers door is opened it will turn off the modules on the driver side of the lightbar. When the door is closed the modules will be held off for 2 seconds before they resume flashing. This scenario will use the following software components

- ACM Input for Drivers Door
- One Virtual Input set as a variable timer
- Input Priorities

W » » » » » » » » » » LEADING THE WAY IN INNOVATION » » » » » » » » » »

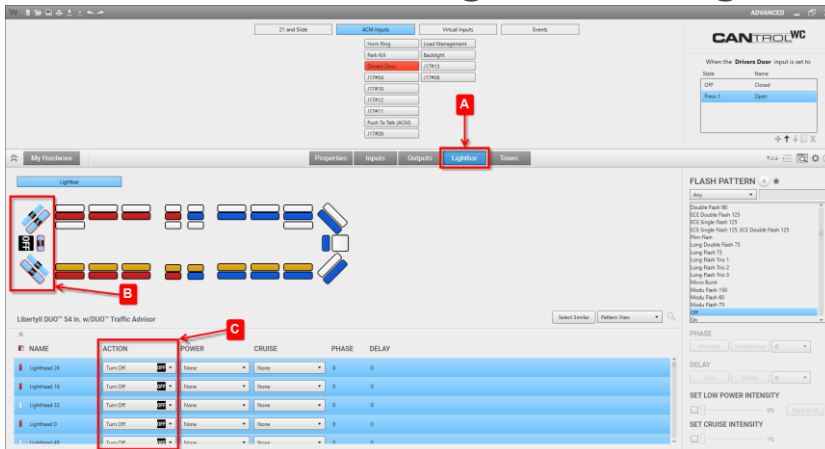
Drivers Door Input Properties



(A) Select ACM Inputs (B) Select J17#03 (C) select the Properties page (D) and set the Name to Drivers Door (E) in the state navigator set the name of Press 1 to Open and the name of OFF to Closed



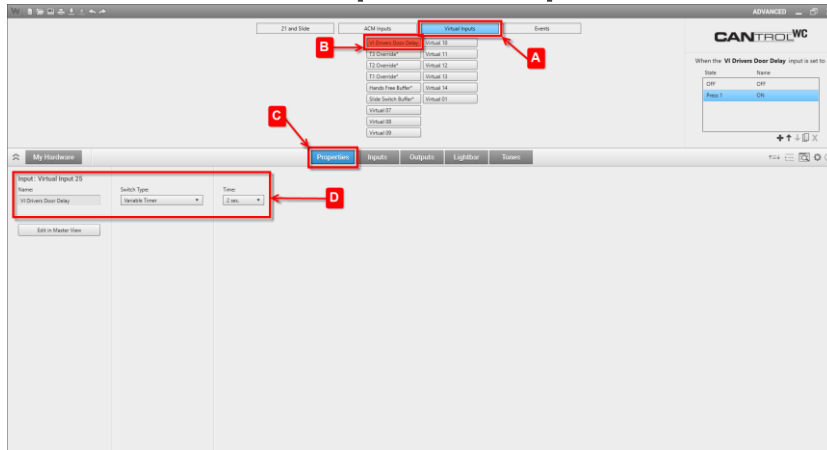
Drivers Door Lightbar Page



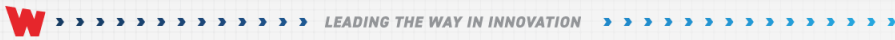
(A) With the Drivers Door input still selected select the Lightbar page (B) select the driverside corners and alleylight modules (C) and set the Action to Turn OFF



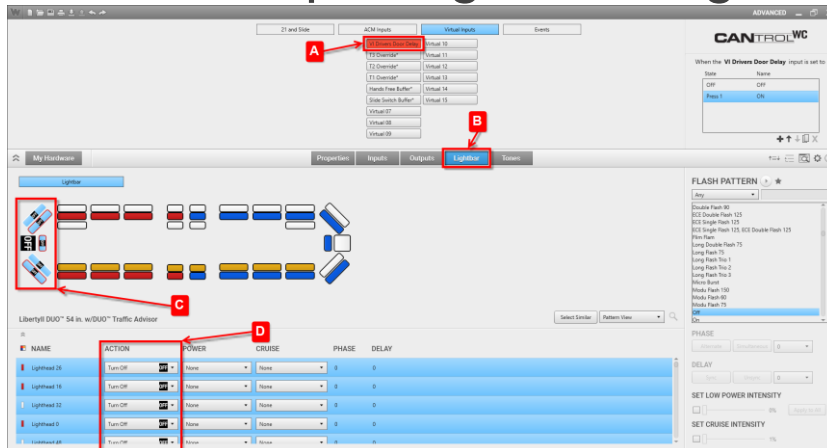
Virtual Input Properties



(A) Select Virtual Inputs (B) Virtual Input 1 (C) select the Properties page (D) and set the Name to VI Drivers Door Delay, the Switch Type to Variable Timer and the Time to 2 Sec.



Virtual Input Lightbar Page



(A) With VI Drivers Door Delay Virtual Input still selected (B) select the Lightbar page (C) select the driverside corners and alleylight modules (C) and set the Action to Turn OFF



Drivers Door Delay

Now when the Drivers door is closed the VI Drivers Door Delay will activate keeping the driverside of the lightbar off for 2 seconds this will allow the officer to move away from the end of the lightbar before it resumes flashing



» » » » » » » » » » LEADING THE WAY IN INNOVATION » » » » » » » » » »

Drivers Door Delay Night Only

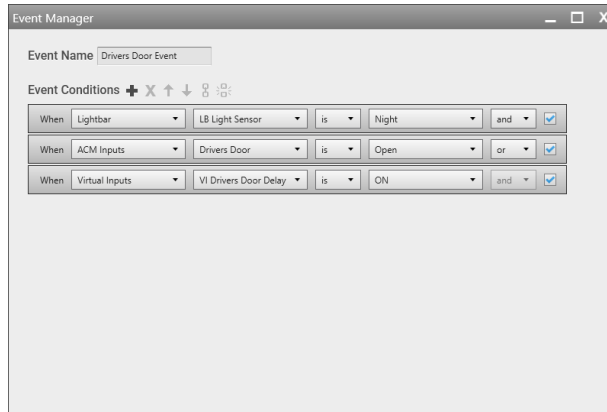
To program the Drivers Door Cut and the VI Drivers Door Delay to work only at night we need to do the following

- Remove the OFF Pattern from the Drivers Door Input and the VI Drivers Door Delay Virtual Input
- Create an event referencing the Photocell, the Drivers Door Input and the VI Drivers Door Delay Virtual Input



» » » » » » » » » » LEADING THE WAY IN INNOVATION » » » » » » » » » »

Drivers Door Event Conditions

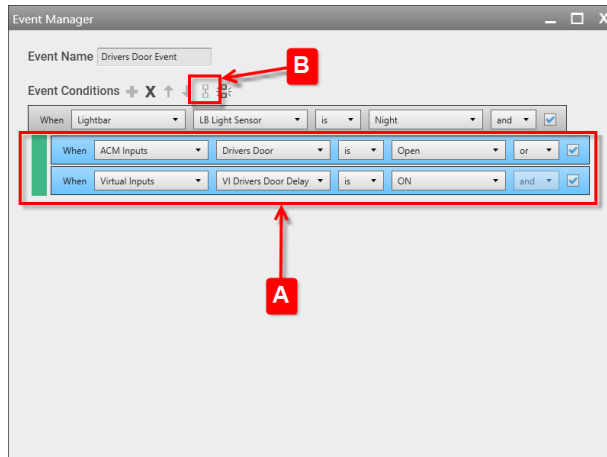


Set the three Event Conditions so the Drivers Door Cut and Delay only work at night

- Lightbar LB Light Sensor is Night and
- ACM Inputs Drivers Door is Open or
- Virtual Inputs VI Drivers Door Delay is ON



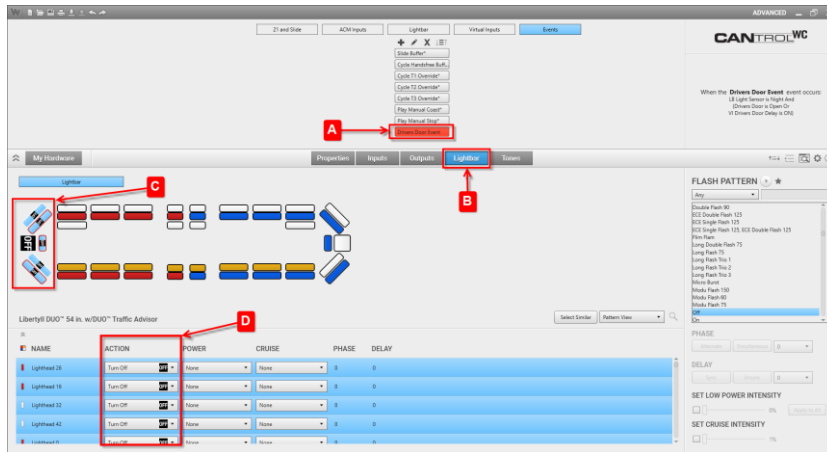
Drivers Door Event Link Conditions



To make sure the whole expression is evaluated, the (A) OR condition will need to be (B) linked



Drivers Door Event Programming



(A) Close the Event Manager and with the Drivers Door Event still selected (B) select the Lightbar Page (C) select the driverside corners and alleylight modules (D)



Drivers Door Cut/Delay with Conditions

Now when its night and you open the Drivers door the Driverside Corners and Alleylight modules will Turn OFF. When the Door is Closed the Virtual Input Delay will activate holding the Driverside Corners and Alleylight modules OFF for 2 seconds.



