



LCD MONITOR WITH TOUCH SCREEN & SWITCH TRIGGER

- 7 inch Standard Definition (800X480)
- Screen with 4pin Aviation connector (9V-36V)
- **Touch Screen**

WHY DO YOU NEED TOUCH SCREEN OPTION?

- In a commercial vehicle multi-camera environment, in order to obtain the most information from each camera, traditionally, driver tend to have "Quad-display" (display 4 camera simultaneously) on screen.
- Touch screen function provide a quick switching function between all (2 to 12) cameras. This is the most intuitive way for driver to hold control of all the camera surveillance around the vehicle.

STANDARD RESOLUTION LCD PANEL

- Brightness around 250 cd2
. Require sun visor in day time.
- View angle : varies from 90o to 120o (depends on manufacture)
- Resolution 800X480 :
analog resolution.
- Connector : 4 Pin aviation connector (plug and play. Power and CVBS signal all-in-one). Not for detailed image display.
- LCD response time : Slow

APPLICATION

Left ,right and reverse trigger linked to the black box for switching between different camera seems to be a solution for above issue.

SPECIFICATION

LCD type: TFT Transmissive, anti-glare

- Technology: TFT
- Viewing Direction: 12:00 O'clock
- Viewing Angle of 12:00: 78 degree
- Viewing Direction: 6:00 O'clock
- Viewing Angle of 6:00: 75 degree
- Module dimensions (W X H X T): 173.1 X 112.5 X13.0 (MAX) mm
- Active area (W X H): 154.08 X 85.92 mm
- Number of pixels: 800 X 3 (RGB) X480
- Pixel pitch (W X H): 0.1926 X 0.179 mm2
- Colours: 16.7M
- Contrast ratio: 450 (typical)
- Backlight: LED (27; 3 X serial, 9 X parallel)
- Backlight Brightness: 250 cd/m2
- Interface: RGB 18bit TCON
- Touch solution: with capacity touch
- Touch driver: Atmel mXT1066T2
- Touch Interface: 12C
- Operating temperature: -20 to +70 Celsius
- Storage temperature: -30 to +80 Celsius