



## M7SAT



### 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