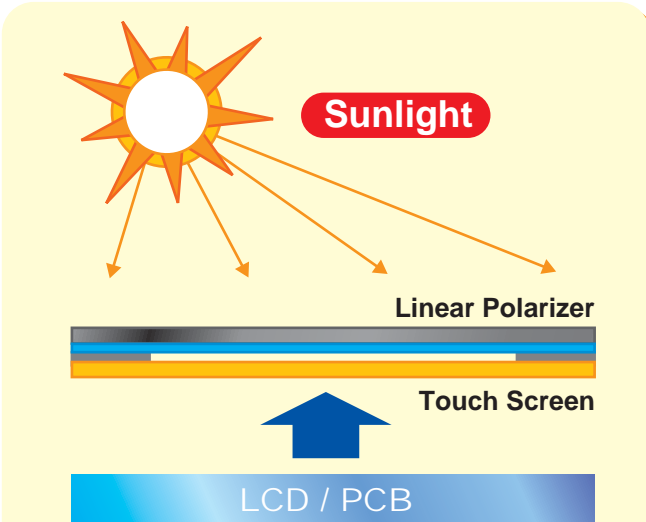


# Value added Touch Screen Solutions

## Linear Polarizer

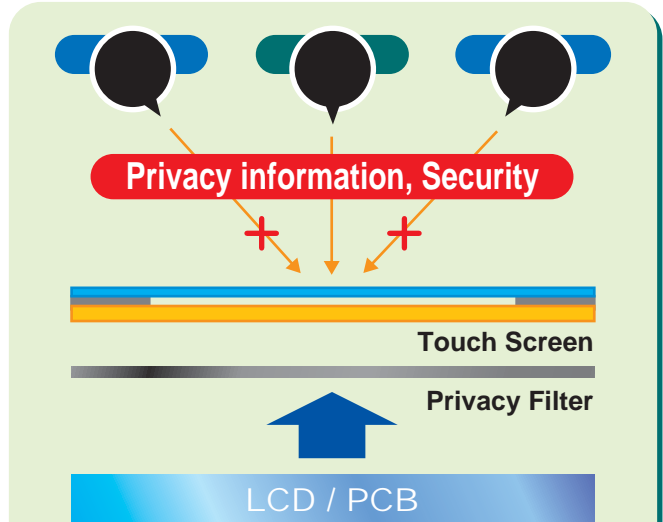


The diagram shows a cross-section of a display assembly. At the top, a sun icon labeled 'Sunlight' emits rays. Below it is a 'Linear Polarizer' layer, followed by a 'Touch Screen' layer, and at the bottom, an 'LCD / PCB' layer. A blue arrow points upwards from the LCD/PCB towards the Touch Screen.

**Value added function**  
Linear Polarizer can maintain the visibility of the display even under the direct sunlight.

**Application proposal**  
This is an ideal solution for the applications which require high visibility under the sunlight, such as car navigations, mobile PC for out door use, etc.

## Privacy Filter

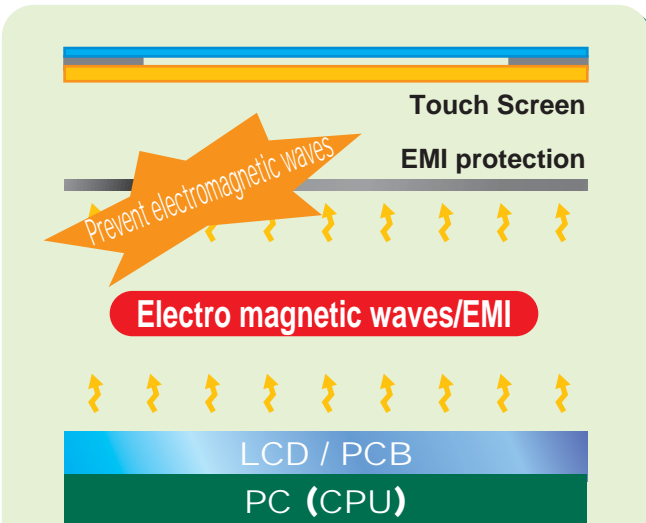


The diagram shows a cross-section of a display assembly. At the top, three speech bubble icons are shown, with arrows pointing to a red box labeled 'Privacy information, Security'. Below this is a 'Privacy Filter' layer, followed by a 'Touch Screen' layer, and at the bottom, an 'LCD / PCB' layer. A blue arrow points upwards from the LCD/PCB towards the Touch Screen.

**Value added function**  
Privacy filter only enables the touch screen operator to see the display. It can prevent other people from looking at the information shown in the display.

**Application proposal**  
This is an ideal solution for the applications which require the limited viewing angle to protect the privacy information, such as ATM, patient monitors, etc.

## EMI protection

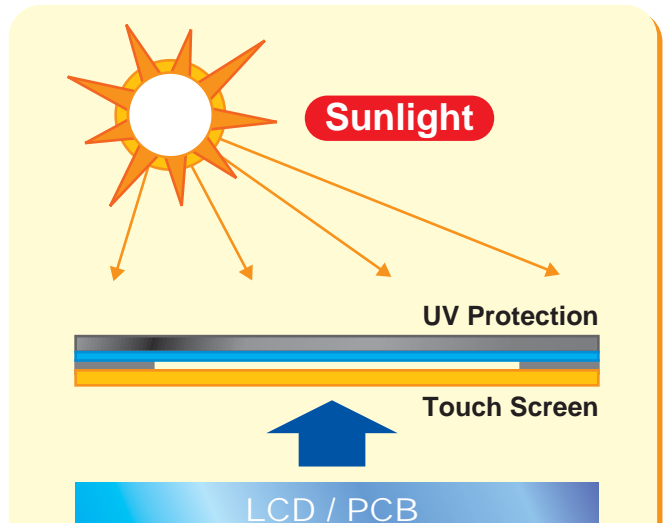


The diagram shows a cross-section of a display assembly. At the top is a 'Touch Screen' layer, followed by an 'EMI protection' layer, and at the bottom, an 'LCD / PCB' layer. A green layer labeled 'PC (CPU)' is shown below the LCD/PCB. Yellow lightning bolt icons represent 'Electro magnetic waves/EMI' passing through the EMI protection layer. A blue arrow points upwards from the LCD/PCB towards the Touch Screen.

**Value added function**  
EMI protection can lower the impact of electromagnetic wave/EMI generated from LCD/PCB.

**Application proposal**  
This is an ideal solution for applications which require high reliability and workability such as medical, military, aviations, etc.

## UV Protection



The diagram shows a cross-section of a display assembly. At the top, a sun icon labeled 'Sunlight' emits rays. Below it is a 'UV Protection' layer, followed by a 'Touch Screen' layer, and at the bottom, an 'LCD / PCB' layer. A blue arrow points upwards from the LCD/PCB towards the Touch Screen.

**Value added function**  
UV protection film can protect the touch screen from UV rays.

**Application proposal**  
This is an ideal solution for the applications used outdoor or semi-outdoor environments. (under the direct sunlight)