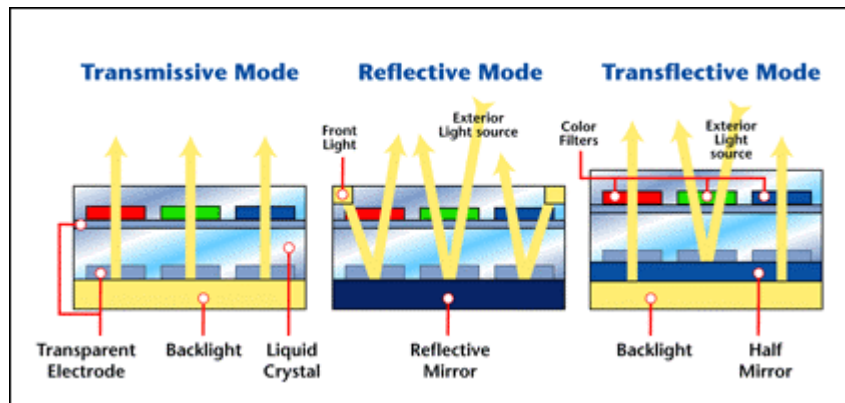


## Transflective TFT Technology Explained

A **Transflective** Display is a type of LCD that uses both **Transmissive** and **Reflective** methods.

**Transmissive** type TFT LCD contains a backlight where light travels from the backlight through the colour filter and Liquid Crystal then appears on the panel. The main advantage of this type of display is its high brightness. However the brighter the light the higher the electric load consumed.

**Reflective** type TFT LCD contains a reflective mirror, utilizing the external light for image display. The main advantage of this type of display includes its power saving, and light-weight (without backlight) characteristics. However this type of display is more ideal for viewing with external light sources.



**Transflective** type TFT LCD is a display suitable for both outdoor and indoor applications.

### Benefits of adopting Transflective technology include:

- Power saving
- Sun light readability
- Indoor readability
- Light-weight

**Transflective** LCDs work under any lighting condition, from complete darkness to bright sunlight.

