

VATN LCD Display (Vertically Aligned Twisted Nematic) is just another type of LCD (liquid crystal display) module but with a high contrast ratio of 1000:1. It is a negative mode display with a transmissive polarizer.

[What is VATN LCD display With Touck Key - YouTube](#)

VATN LCD Display Technology

In VATN LDC Display liquid crystals naturally align vertically to the glass substrates. When no voltage is applied, the liquid crystals remain perpendicular to the substrate, creating a black display between crossed polarizers. When voltage is applied, the liquid crystals shift to a tilted position, allowing light to pass through and create a gray-scale display depending on the amount of tilt generated by the electric field.

Source: Wikipedia

What are the advantages of VATN LCD Display?

- * High contrast ratio (1000:1)
- * Deeper-black background
- * Wider view angle compared to TN (Twisted Nematic)
- * Wide operating temperature (-40°C ~ 85°C)

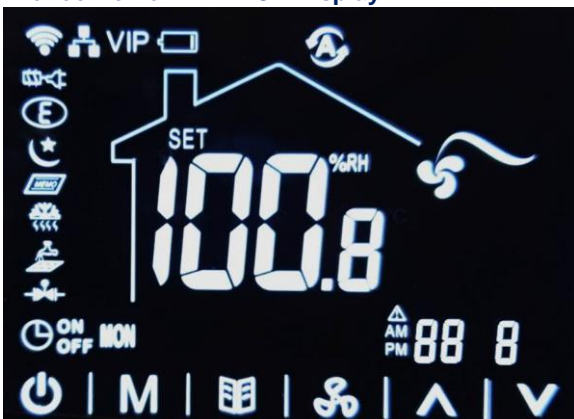
What are the major application of VATN LCD Display ?

- * Due to its high contrast ration, VATN is a popular choice of display is industrial application as well home appliances:
- * White Goods
- * Automotive
- * Medical Application
- * POS Machine
- * Wearable Device

What Silk Print colors are available in Bolymin VATN?

- * We offer VATN in monochrome as well as options of 4 color silk printing.

Monochrome VATN LCD Display



Silk Print Color VATN LCD Display

