



Densitron

LTPS DISPLAYS

2.4" and 3.8" LTPS displays with capacitive touch for industrial applications.

Densitron provides two sizes of industrial-grade LTPS (Low-Temperature Poly-Silicon) displays which targets to a wide variety of Industrial, Broadcast, Smart home/building and Test & Measurement applications. It has the features of ultra-thin, lightweight, super narrow border, fast response speed, high resolution and low power consumption.

The two panels are designed to be super high resolution, RGB interface with improved 800~950cd/m² brightness and 50k hours backlight lifetime.

The display is also optical bonded with PCT touch panel as standard. it can be fully or semi customised to suit customers' own requirements.

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2.4" & 3.8" LTPS Displays

SKU: DMT024WVHTCMI-1A & DMT038WSHTCMI-1A

Densitron's 2.4" & 3.8" LTPS TFT's have high resolution, optical bonding and PCT touch panels.

PANEL

	2.4"	3.8"
Display size	2.4"	3.8"
Resolution	800 x 480	1024 x 600
Active Area	53.3 x 31.4mm	82.6 x 48.4mm
Outline Dimensions	66 x 49.3 x 4.6mm	97.92 x 67.93 x 4.81mm
Viewing Angle	85/85/85/85	85/85/85/85
Contrast Ratio	1000:1	1000:1
Brightness	950cd/m2	810cd/m2
LED Backlight	50k Hours	50k Hours
I/O	24-bit RGB	24-bit RGB
Power	VCC 3.3V, 20mA, 24V	VCC 3.3V, 40mA, 21.4V
Operating Temperature	-20°C ~ 70°C	-30°C ~ 85°C
Storage Temperature	-30°C ~ 85°C	-30°C ~ 85°C
Response Time	40ms	35ms

TOUCH

Type	PCT
Fingers	Multi-Touch >10
Bonding	Optical Bonding

Tailor components to your exact requirements with the following customisation options:



Cover Lens
Customisation



Projected Capacitive
Touch



Optical Bonding