



## Industrial Squared Form Factor Display Solutions

Densitron's new range of high resolution IPS TFT modules in a squared form factor, is ideally suited to enhancing the rapidly evolving HMI space within multiple market sectors.

Applications where this innovative form factor is most suitable include portable devices, broadcast, home appliances, smart building, smart metering, gauges, automotive products, industry controllers and instrumentation panels.

We offer 4.0" squared IPS display with a resolution of 720x 720, MIPI interface, optical bonded with a PCT touch panel. The display can be fully customised to suit your own requirements.

### Product Features

- Sizes available: 4"
- High resolutions: 720x720
- True 24-bit colour depth which provides a 16.7 Million colour depth
- IPS technology which offer an 85/85/85/85 symmetric viewing angles
- The TFT module is designed to operate continuously with a backlight half-life of 50,000 hours and an operating temperature range of -30°C to +80°C
- The module offers long term availability of 5 years plus
- Offers 10-finger Projected Capacitive Touch (PCT) built-in
- 650cd/m2 peak luminance as a typical brightness level
- 900:1 contrast ratio
- Supports 2 lanes MIPI interface



[www.densitron.com](http://www.densitron.com)

	Item	Contents
Product Description	Screen Size	4.0"
	Display Format	720 x 720
	Colour	16.7M
	Active Area	71.93 x 71.93mm
	Outline Dimensions	84.00 x 85.99 x 4.23, mm
	Viewing Angle	85/85/85/85 Degrees
	Contrast Ratio	900:1 (Typ.)
	Peak Luminance	650cd/m <sup>2</sup>
	LED Backlight Lifetime	50,000 hour half-life
	I/O	2 lane MIPI
	Power	VCI 3.3V; IOVCC 1.8V
	Power Consumption	744mW for backlight
	Operating Temperature	-30°C ~ 80°C
	Storage Temperature	-30°C ~ +85°C
	Response Time	25mS
	Touch	Included
	Tape Bonding	Optical bonding
Weight	55 g	

## Squared Display Range



Size	Part Number	Description
4.0"	DMT040H8HMCMI-1A	4" 720x720 squared IPS display with PCT touch

Contact your local sales office at [www.densitron.com](http://www.densitron.com)

**Densitron**  
Part of Quixant Group

Preliminary specifications; subject to change without notice