



High-resolution 10.1" TFT HDMI Touchscreen Monitor

10.1" high quality TFT monitor with capacitive touch for Broadcast and any other industrial applications.

It can be used for signal and picture monitoring, or a control system with the help of multitouch PCT, or a combination of both.

Densitron provides a 10.1" high resolution 1200 x 1920 IPS (In-Plane-Switching) monitor, which allows presentation of multiple video picture monitor and audio level displays side-by-side.

Projected Capacitive Touch functionality allows the device to be deployed for HMI applications. Common signal interfaces, such as: HDMI and USBC are supported.

Product Features

- Plug and Play monitor working with Windows 10, Linux and Raspberry Pi
- High resolution **1200x1920**
- Portrait/Landscape selectable in firmware
- True 24-bit colour depth which provides a 16.4 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 -10°C to +50°C
- All modules offer long term availability of **5** years plus
- It offers 10-finger **Projected Capacitive Touch** (PCT) as standard
- **550cd/m²** peak luminance and adjustable PWM backlight
- **Single power** unit for controlling both the display and PCT touch panel.



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	Item	Contents
Product Description	Screen Size	10.1"
	Display Format	1200 x 1920
	Colour	16.4M, True 24-Bit
	Pixels per inch	225
	Active Area	135.36 x 216.58 mm
	Outline Dimensions	143 x 228.7 mm
	Viewing Angle	85/85/85/85 Degrees
	Contrast Ratio	800:1 (Typ.)
	Peak Luminance	550cd/m ²
	LED Backlight Lifetime	50,000 hour half-life
	I/O	HDMI
	Power	12V DC input
	Power Consumption	4W
	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-20°C ~ +60°C
	Response Time	25mS
	Touch	PCT 10 Finger, USB
	Optical Bonding	Between TFT & Touch
Weight	0.35kg	

High-resolution 10.1" TFT HDMI Touchscreen Monitor

Size	Part Number	Description
10.1"	DMT101F3NHCMU-1A	10.1" HDMI Monitor



Contact your local sales office at www.densitron.com

Densitron

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Preliminary specifications; subject to change without notice