

# Product Description



TDS capacitive touch screen is for Industrial use, Touch sensor's professional and experienced electrical circuit design works with EETI solution, makes the capacitive touch panel have high-quality grade and anti-interference ability. According to various Industrial tablets, All-in-one Computers, and control devices working environments, EETI serial can provide IK10, water-proof, dust-proof, anti-seismic, scratch resistant, glove touch, Thicker or Air-Gapped Touch Glass, IK10 etc different levels, and with stable running.



## 12.1 inch Capacitive(PCAP) Touch Panel | TDS121004B-AAA-A1

Part No.	TDS121004B-AAA-A1
<b>Technology</b>	Projected Capacitive Touch Technology (PCAP)
<b>Screen Size</b>	12.1"
<b>Glass Cover Dimension (mm)</b>	277*181
<b>Glass Cover View Area (mm)</b>	263.12*165.2
<b>Glass Cover Thickness (mm)</b>	1.1
<b>Glass Cover R Angle (mm)</b>	/
<b>Glass Cover Bezel Color</b>	Black Color
<b>Touch Sensor Dimension (mm)</b>	276*180
<b>Touch Sensor Active Area (mm)</b>	264.12*166.2
<b>Light Transmittance</b>	≥85% ± 3%
<b>FPC Cable Location</b>	DOWN
<b>Controller IC</b>	EXC80W46
<b>Controller IC Brand</b>	EETI
<b>Controller Type</b>	COB+PCBA
<b>Controller Interface</b>	USB
<b>Controller Operating Voltage</b>	DC 4.5V ~ DC 5.5V
<b>PCBA Model</b>	EXC80W464254STAG
<b>Number Of Touches</b>	10 Touch Points /1 Touch Point
<b>Durability</b>	Over 50 Million Touches In One Location
<b>Input Methods</b>	Fingers
	Rubber Gloves
	Passive Stylus
<b>Surface Treatment</b>	Anti-Glare Option
	Anti-Fingerprint Option
	Anti-Bacterial Option

	Privacy Filters Option
	Colored Borders Option
	Printed Icons Option
	Anti-Reflection Option
	Mirror Glass Option
	Shielding Film Option
<b>Operating System</b>	Windows XP
	Windows 7
	Windows 8
	Windows 10
	Android
	Linux
<b>Temperature</b>	Operating : -20°C To -70°C
	Storage : -30°C To -80°C
<b>Humidity</b>	Operating:20% ~85% (Non Condensing)
	Storage: 0%~95% (Non Condensing)
<b>Durability</b>	Over 50 Million Touches In One Location
<b>Installation Style</b>	True Flat Integration
	Embedded Integration
<b>Warranty</b>	1 Year Free Warranty
	Extending Warranty Available
<b>Cover Glass Option</b>	0.7 – 6 mm
<b>Controller Interface Option</b>	I2C/ Serial
<b>Functional Debug Option</b>	Water-proof, Oil-proof, Thicker or Air-Gapped Glass, Active Pen, Glove touch

\* The specification is subject to change without prior notice.