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.



Part No.	TDS104019H-BAB
Technology	Projected Capacitive Touch Technology (PCAP)
Screen Size	10.4"
Glass Cover Dimension (mm)	227*175.45
Glass Cover View Area (mm)	212.4*159.6
Glass Cover Thickness (mm)	3
Glass Cover R Angle (mm)	2
Glass Cover Bezel Color	Black Color
Touch Sensor Dimension (mm)	225*173.45
Touch Sensor Active Area (mm)	214*161.2
Light Transmittance	≥85% ± 3%
FPC Cable Location	DOWN
Controller IC	EXC80W46
Controller IC Brand	EETI
Controller Type	COB+PCBA
Controller Interface	USB
Controller Operating Voltage	DC 4.5V ~ DC 5.5V
PCBA Model	EXC80W464254STAG
Number Of Touches	10 Touch Points /1 Touch Point
Durability	Over 50 Million Touches In One Location
Input Methods	Fingers
	Rubber Gloves
	Passive Stylus
Surface Treatment	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 Operating System Windows XP Windows 7 Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 - 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass, Active Pen, Glove touch		
Anti-Reflection Option Mirror Glass Option Shielding Film Option Operating System Windows XP Windows 7 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration		Colored Borders Option
Mirror Glass Option Shielding Film Option Operating System Windows XP Windows 7 Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Printed Icons Option
Shielding Film Option Operating System Windows XP Windows 7 Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Anti-Reflection Option
Operating System Windows XP Windows 7 Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Mirror Glass Option
Windows 7 Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Shielding Film Option
Windows 8 Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Operating System	Windows XP
Windows 10 Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Windows 7
Android Linux Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Windows 8
Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating: 20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Windows 10
Temperature Operating: -20°C To -70°C Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Android
Storage: -30°C To -80°C Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Linux
Humidity Operating:20% ~85% (Non Condensing) Storage: 0%~95% (Non Condensing) Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option O.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Temperature	Operating : -20°C To -70°C
Storage: 0%~95% (Non Condensing) Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option 0.7 – 6 mm Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Storage: -30°C To -80°C
Durability Over 50 Million Touches In One Location Installation Style True Flat Integration Embedded Integration 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Humidity	Operating:20% ~85% (Non Condensing)
Installation Style True Flat Integration Embedded Integration 1 Year Free Warranty Extending Warranty Available Cover Glass Option Controller Interface Option Functional Debug Option True Flat Integration 0 7 - 6 mm 12C/ Serial Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Storage: 0%~95% (Non Condensing)
Embedded Integration 1 Year Free Warranty Extending Warranty Available Cover Glass Option 0.7 – 6 mm Controller Interface Option I2C/ Serial Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Durability	Over 50 Million Touches In One Location
Warranty 1 Year Free Warranty Extending Warranty Available Cover Glass Option 0.7 – 6 mm Controller Interface Option I2C/ Serial Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Installation Style	True Flat Integration
Extending Warranty Available Cover Glass Option 0.7 – 6 mm Controller Interface Option I2C/ Serial Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Embedded Integration
Cover Glass Option 0.7 – 6 mm Controller Interface Option I2C/ Serial Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Warranty	1 Year Free Warranty
Controller Interface Option I2C/ Serial Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,		Extending Warranty Available
Functional Debug Option Water-proof, Oil-proof, Thicker or Air-Gapped Glass,	Cover Glass Option	0.7 – 6 mm
	Controller Interface Option	I2C/ Serial
Active Pen, Glove touch	Functional Debug Option	Water-proof, Oil-proof, Thicker or Air-Gapped Glass,
		Active Pen, Glove touch

^{*} The specification is subject to change without prior notice.