

Specifications


18.5" PCAP TOUCHSCREEN KIT, 3MM, 10 PTS


Model: BI-TFT18.5-PCAP10-3T-USB



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Our kit includes: sensor + controller + cables

Size:	18.5"
Structure sensor:	G+G
Structure cover glass:	Glare float glass with transparent border
Outside dimensions cover glass (wxh)	454.80 x 275.40 +/-0.15mm
Outside dimensions sensor (wxh)	426.00 x 247.28 +/-0.15mm
Visual area cover glass (wxh)	409.80 x 230.40 +/-0.2mm
Active area (wxh)	410.80 x 231.40 +/-0.2mm
Thickness sensor:	0.55 mm
OCA bonding thickness:	0.2 mm
Thickness cover glass:	3 mm
Total Thickness:	3.75 mm
Sensor Process:	Print process (ITO Pattern + Metal line)
Surface Hardness:	>6H
Detected touches	10 touches.
Endurance:	>300.000.000 times
Maximum Pixel:	4096x4096
Response time:	<10ms
Interface:	USB, 4 wire, 2.0 Full speed
Controller type:	EETI chipset 31xx.
Operating System Support:	Windows 98, NT, 2000, XP, 7, 8, 10, Android, MAC en Linux.
Power Requirements:	3.5 - 5.5 Volt, Typical 5 Volt
Power Dissipation:	<0.35W
Operating Temperature:	-10°C to +70°C
Humidity:	0 to 95% RH @ 60°C. RH non condensing
Durability:	Unsurpassed vandal and shock resistance
What it Detects:	Finger, gloved or ungloved. Conductive stylus
Resistance to Contamination:	Resistance to contamination – Sensing media protected by glass, exceeds requirements of ASTM- F1598-96
MTBF (Sensor):	Excellent, no known wear-out mechanism