

# 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.



## 19 inch Capacitive(PCAP) Touch Panel | TS190001H-AAA-A1

|                               |  |
|-------------------------------|--|
| Part No.                      | TS190001H-AAA-A1                             |
| Technology                    | Projected Capacitive Touch Technology (PCAP) |
| Screen Size                   | 19"  |
| Glass Cover Dimension (mm)    | 414.32*339.05                                |
| Glass Cover View Area (mm)    | 377.32*302.05                                |
| Glass Cover Thickness (mm)    | 1.8  |
| Glass Cover R Angle (mm)      | 8  |
| Glass Cover Bezel Color       | Black Color                                  |
| Touch Sensor Dimension (mm)   | 395*320                                      |
| Touch Sensor Active Area (mm) | 380.32*304.56                                |
| Light Transmittance           | ≥85% ± 3%                                    |
| FPC Cable Location            | DOWN   |
| Controller IC                 | EXC81W60                                     |
| Controller IC Brand           | EETI   |
| Controller Type               | COB+PCBA                                     |
| Controller Interface          | USB  |
| Controller Operating Voltage  | DC 4.5V ~ DC 5.5V                            |
| PCBA Model                    | EXC81W604254STAG                             |
| 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)  |
| 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 | I2C/ Serial   |
| Functional Debug Option     | Water-proof, Oil-proof, Thicker or Air-Gapped Glass,<br>Active Pen, Glove touch |

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