

Extended Protection

The wavelength of UV light (100 to 400nm) falls outside the range of visible light. The cover lens of a PCAP touch panel can generally block UV wavelengths less than 300nm, which includes UVB and UVC.

The AMT anti-UV design PCAP touch panel meets **ASTM G154 Cycle 1 for 1,000 hours** test standard and can effectively block the damage caused by UV radiation. However, some clients' applications need to withstand full spectrum light exposure, so AMT uses the weathering tester to simulate further the full spectrum of sunlight (295-800nm). These testers can induce outdoor damage ranging from months to years in a short time. The test results demonstrate that the AMT anti-UV design touch panel can pass the **MIL-STD-810H Pro 1 for 1,000 hours** test standard, which shows our product is an excellent choice for your outdoor applications!

UV Resistance Plus Wide Temperature Design

One of our customers manufactures excavators. Excavators are susceptible to UV radiation because they are operated and parked under the sun for an extended time. To facilitate the customer's design, AMT recommended the PCAP touch panels with an anti-UV design. Additionally, our wide temperature design has outstanding performance in areas with drastic temperature change. The plan passed the full-spectrum test specifications required by the customer. Impressed by AMT's anti-UV experience and technology on outdoor applications, the customer placed an order with us!

AMT Safeguards Your Products!

AMT anti-UV touch panel meets **ASTM G154 Cycle 1 for 1,000 hours** and **MIL-STD-810H Pro 1 for 1,000 hours** test standards. If your devices require resistance to prolonged sunlight exposure, order AMT components for your outdoor kiosks, interactive digital billboards, gasoline stations, EV charging stations, vehicle or maritime systems! Our anti-UV design touch panels can meet your needs! Feel free to contact AMT for more product information!