

Large size resistive multi-touch panels remain reliable in noisy or wet conditions

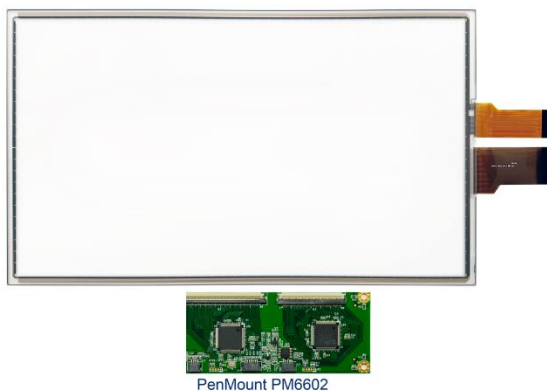
Discover AMT's latest innovation: large-size resistive multi-touch (RMT) panels, spanning from 13.3 inches to 21.5 inches, coupled with the PenMount PM6602 controller. These panels, available in standard Film-Glass structure, can also be customized as Low-reflective (LR) or Glass-Film-Glass (GFG) to ensure immunity against noise interference and false touch, meeting the demanding requirements of large-size resistive multi-touch applications.

Multi-Touch And Gesture Functionalities

Resistive touch panels, known for their pressure-sensitive touch detection, remain reliable in noisy or wet conditions. However, traditional resistive panels lack multi-touch and gesture functionalities, essential for various applications. To address this gap, AMT introduces the resistive multi-touch solution, already deployed in specialized touch devices and secure telephones, ensuring seamless operation in noise-prone environments.

Adaptable To Different Hardware And Software Setups

Developed collaboratively by AMT and PenMount, our resistive multi-touch solution caters to a wide spectrum of touch applications. The PenMount PM6601 controller supports panels ranging from 7 inches to 13.3 inches, while the newly launched PM6602 controller accommodates larger panels, from 13.3 inches to 21.5 inches. Both controllers offer versatile interface options, including USB, I²C, UART, and RS-232, ensuring compatibility with leading hardware and software platforms like Windows and Linux. For space-constrained systems, we offer customizable RMT controller IC designs, including COF tail or direct integration onto the customer's motherboard.



High Performance And Versatile Compatibility

AMT offers a diverse range of RMT panel structures tailored to suit different touch applications. In instances where special devices demand superior EMI performance and absolute immunity to false touch, AMT provides customized solutions. We can incorporate a layer of Mesh film on the RMT panel, aligning precisely with customer specifications to enhance the system's EMC performance.

Excellent Anti-Interference Capability

Our panels boast exceptional ESD resistance, meeting stringent specifications of 15kV for air discharge and 8kV for contact discharge. For specialized touch applications requiring superior EMI performance and zero tolerance for false touch, AMT provides tailored RMT panel structures. Whether for industrial HMI or mission-critical systems, our resistive multi-touch solution stands as a reliable choice, offering precise input accuracy amidst challenging environments.

AMT's innovative resistive multi-touch solution seamlessly integrates the robust anti-interference features of resistive touch panels with advanced multi-touch and gesture functionalities. Our commitment to excellence ensures high-quality solutions across all RMT panel designs. To delve deeper into AMT's cutting-edge resistive multi-touch solution, don't hesitate to reach out to us at your convenience. We're here to assist you every step of the way.