



Various Applications of AMT Touch Panel

Touch panel application has penetrated into our daily lives; compared with other operating interface like the computer mouse or keyboard, using a touch panel is the most direct and instinctive way to operate machines. No need to spend time on learning how to operate touch, therefore, touch panel is the best communication interface between human being and machine. Nowadays there are various products which use touch panel as operating interface; and here in this week's Express, we introduce AMT's touch solutions for different applications:

Human Machine Interface (HMI) --- AMT is an experienced professional in this field; many well-known big HMI manufacturers chose AMT to be their main supplier because of our superior product quality and reliability. AMT 4/5/8-wire resistive touch panel pass through strict durability and environmental tests, and meet industrial standards.

Medical Equipments --- whether it is for diagnostic/analysis equipment, or for surgery facility use, good quality and durable touch panel is a necessity. According to our experience, customers select resistive touch panel from the beginning, and now they will consider using GFG (Glass Film Glass) touch panel due to its easy to clean feature. Projected Capacitive touch product (PCI) is also another alternative option.

Notebook PC --- the basic requirement of notebook PC is it has to be slim, with narrow frame display, so, generally it uses a 4-wire resistive touch panel. For anti-scratch requirement, it is suggested to use 5-wire Glass-Film-Glass (GFG) touch panel; for outdoor requirement, it is best to use Low Reflective (LR) touch panel to reduce the light reflective rate.

Tablet PC --- generally not equipped with the keyboard but could have virtual keyboard ; user has to use stylus or finger for input. The well-known small size are that of the PDA's, and large size are known as Tablet PC's; the former is built to support Win CE 4.2 / 5.0 / 6.0, and the latter, Tablet PC, is provided to support Windows XP Tablet edition. Therefore in addition to the touch panel, full-featured touch controller is an important key component as well; PenMount series of touch controller is your best choice . Now PenMount under the Windows systems also support up to 15 kinds of gestures, which users can define by themselves, making operation quick and easy.

POI/Kiosk/Ticket Vending Machines --- For these unattended machines placed in public places, GFG (Glass Film Glass) touch panel would be a good choice. The surface hardness of the GFG touch panel can reach up to Mohs 5; and has anti-scratch and easy to clean advantages.

GPS --- These equipments use wide screen LCD bundled with resistive touch screen; popular sizes range from 7" to 9", and they are mostly of 4-wire design. It is needed to have LR (low reflective) design to reduce the light reflective rate, increase LCD contrast to allow better viewable clarity. PCI (Projected Capacitive) touch screen is also another alternative option.

POS --- It is an indispensable equipment for chain stores and restaurants. In this type of application, 5-wire resistive type is the most common design. AMT has many 5-wire touch panel standard parts which are readily available, giving quick turnover to POS system integrator during their design-in process therefore helping cut down project development time, and launching

finished product into the market early.

More and more new consumers of electric products with touch function such as digital frame, e-book are being launched into the market; we believe touch panel applications will be widespread further. AMT will continue to watch for the new technology trends, and work with customers closely, to bring out more and better touch panel products to fulfill market needs.

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Advance to the future with AMT's touch solutions.

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