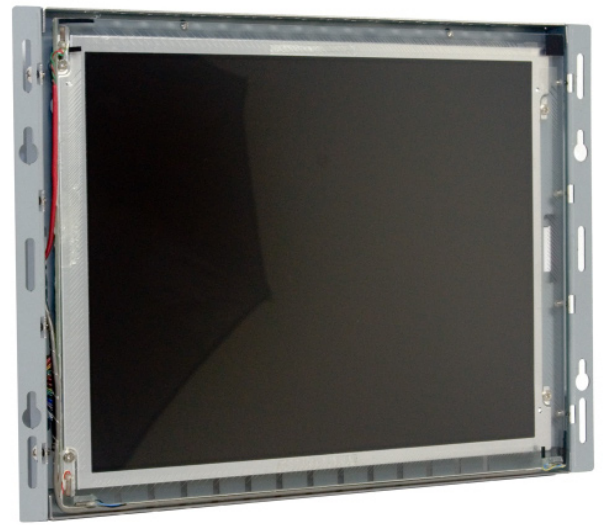


model shown: FBT-1042OTEAR



model shown: FBT-1042OTEAS

5 Wire Resistive

5-Wire Resistive Touch Screen Technology represents a revolution in the industry of touch screens. Technology can sometimes be vulnerable to environmental conditions (liquid spills, humidity, wash down); with 5-Wire Resistive Touch Screen Technology, users get an increase in reliability and durability -- meaning a longer product life for their touch screen monitor technologies. 5-Wire Resistive touch screen panels technology leads the pack in contamination-resistant components with drift-free operation capable of more than 35 million finger touches.

Resistive touch screens LCD technologies consist of a glass (or similar material) panel coated with electrically conductive and resistive layers. Each layer is separated by invisible separator dots. When activated, LCD touchscreens displays technology allows an electrical current to travel through the screen, casting a net across the monitor face. Any applied pressure from touching pushes the layers together, generating an electrical current change and registering a command via the implemented touch screen panel technologies.

Reliable touch screen technology resists environmental changes, meaning that no recalibration is necessary for perfect functionality. The most practical of touch screen technologies are resistive-type touch screens; their durability has earned them the reputation as the “work horse of touch screen technologies.”

Resistive touch screen technology is used in many everyday applications: hand-held computers, PDAs, industrial, control/automation systems, point-of-sale (POS) equipment, and much more. The overwhelming popularity of this type of touch screen technology demonstrates its reliability and durability under a variety of extreme conditions.

Surface Acoustic Wave

SAW Touch Screen Technology uses ultrasonic wave technology over the touch panel. Acoustic waves are sent across the panel with a series of transducers and reflectors, creating an invisible grid across the screen. The waves are broken when a finger pushes on the touch screen; technologies allow for the detection of the specific location, sending the position data to the controller for processing. If sensor detects a link, an executable is launched -- similar to clicking a mouse. SAW Touch Screen Technology panels are the most advanced touch screen technologies available, but are susceptible to environmental damage.

Because this touch screen technology is all glass, there are no layers to be worn down, giving it the highest durability and clarity available. This type of touch screen technology is ideal for medical applications, touch displays, kiosks, computer-based training, or other high-traffic indoor environments. In addition, this touch screen technology requires the use of a glass layer, making it potentially unavailable for all LCD panels



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