

Overlays

Passive Display Enhancements

Anti-Vandal

Protect interactive investments with a ruggedized Anti-Vandal overlay from Touch International. Highly resistant to impact, chemicals, and scratching, these tough filters are completely customizable and are available in many glass and plastic substrates with a variety of thicknesses, sizes and surface finishes to shield displays while offering optimal clarity and performance.

EMI/RFI Shielding

Defending against co-existing electrical systems or rogue RF signals, Low Ohm Indium Tin Oxide (ITO) and blackened mesh EMI/RFI shielding protects displays while providing high electrical isolation to eliminate signal interference. Ideal for medical equipment and military applications, these filters can be tuned to specific frequencies and allow flat panel displays to satisfy FCC and MIL-STD-461 requirements.

Colored Filters

Touch International offers a variety of colored filters to provide contrast enhancements composed of optical substrates including acrylic, polycarbonate, and glass. Touch International's Colored Optical Filters provide contrast enhancement for monochrome displays utilizing a color selective band pass. Long Pass filters are used to improve the overall contrast and performance of optical scanners, red, yellow and amber LEDs. Triple Notch filters and polarizers are used to improve contrast LCDs by assuaging internal reflections and yielding a greater difference between the display's output and background.

Privacy Filters

Privacy filters guard the security of on screen data and stop off-axis viewing of the display by blocking the light on either side, blacking out the screen to any viewing angle greater than 30 degrees so the image cannot be read. Manufactured by creating chemical louvers that let the light come straight through, this film allows only those placed directly in front of the filter to see the screen clearly.

Transparent Heaters

Transparent heaters from Touch International expand the operating temperatures of flat panel displays and backlights, improving the display performance, especially at low operating temperatures. Transparent heaters are optically clear (ITO) allowing them to be easily combined with other coatings and filters.



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