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TOUCHSCREEN INTEGRATION



About Us

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For over a decade ACDisplays has been a leading provider of high quality LCD enhancement products and services for the industrial markets. We lead the way in offering an extensive range of custom panel solutions that improve standard display attributes while maximizing performance in any environment. The ACDisplays teams are experts in LCDs, from building simple or complex designs to integration work.

In our 124,000 sq. foot facility, we offer over 800 off the shelf products that include tablets, open and closed frame LCDs and much more. Our knowledge in innovative LCD technology and our high-quality control standards separate us from the rest. At AGDisplays, our teams have a true commitment to being your trusted partner.



OUR SERVICES

Off The Shelf LCD Products

NVIS Integration and Design

OCA, Optical & Bonding Services

Custom LED Integration & Design

Touch Screen Integration & Design

Custom Class Supply Services

Turnkey & Design Services

EMI Shielding & Design

Film Enhancements & Repolarization
Certificated FAA Part 145 Repair Station
Component Assembly & Integration
LCD Controller, Cabling & Design
Testing/Certification of EOL Panels
Drop-in Replacement
Industrial Repair Program
Zero Dead Pixel Inspection

Industries Served

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MILITARY



AVIONICS



HOTEL



MARINE



MARKETING



MEDICAL



RESTAURANT



RETAIL



TRANSPORTATION



Touch Integration

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Touchscreen technologies are not all created equal. In fact, their structures and features differ widely from technology to technology. From the simple touchscreen on a home printer, to the quick touchscreen experience of the latest smartphone.

With AGDisplays, you're not the end user, you are the creator. With so many sizes, technologies and specifications floating about, it's impossible to just select one from the masses without being informed first.

SURFACE ACOUSTIC WAVE

FEATURES

- High Transmission
- Durable glass construction
- Pressure sensitive
- Advanced technology

END USER BENEFITS

- High optical clarity
- Rugged in indoor environments
- Activated with stylus, glove or fingernail

INDUSTRIES

- Medical
- Touchscreen Kiosks
- Indoor Retail Environments

Touch Integration

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RESISTIVE

FEATURES

- Low light transmission at 75%
- Activation with any object
- Protective substrate on top of glass layer
- Able to be assembled from component parts, screen and sensors

END USER BENEFITS

- No glass shattering
- Works in rain or other liquids
- Good functionality in hot or cold weather
- Input is acceptable with any stimulus: finger, pen, gloved fingers, stylus, and anything else

INDUSTRIES/APPLICATIONS

- Marine
- Commercial
- Food and beverage

PROJECTIVE CAPACITIVE

FEATURES

- Integration with various cover lens options: standard, tempered, chemicallystrengthened glass
- Single, dual or multi-touch
- High light transmission, in excess of 90%

END USER BENEFITS

- Superior image clarity
- · High durability in rough environments
- Flexible touch points
- High transmissivity
- Input triggered by bare hands, latex gloves and stylus

INDUSTRIES/APPLICATIONS

- Retail
- Gaming
- Digital Signage



Touch Integration

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SURFACE CAPACITIVE

FEATURES

- Fast, sensitive touch response
- **Glass layer for ruggedization**
- Protective cover

END USER BENEFITS

- Good image clarity
- Highly scratch resistant
- Fingertip or stylus activation
- Durable in rough environments
- Resistance to contaminants and liquids

INDUSTRIES/APPLICATIONS

- **Gaming**
- **Entertainment**
- Point of Sale
- Kiosks

INFRARED

FEATURES

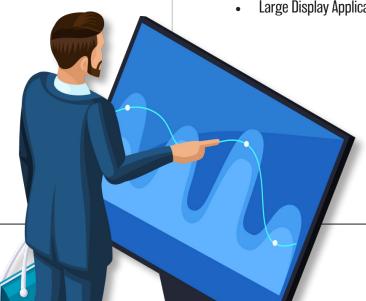
- High light transmission
- No glass substrate
- Light beam touch technology
- Scratch resistant

END USER BENEFITS

- Unlimited touch life
- **Durable lifetime**
- Superior image quality
- Finger and glove touch activation

INDUSTRIES/APPLICATIONS

- Retail
- Hospitality
- **Large Display Applications**



Thank You

COMMUNITY OF EXPERTS

Whether we are met with a new design or challenged with improving an existing design, ACDisplays supports your team by delivering unparalleled LCD expertise and technology. ACDisplays' partners benefit from our efficient design process and our dedication to creating quality design solutions.

We saw the need for off the shelf products, so we've added an expansive line of open/closed frame LCDs, digital signage, and all-inone products. We offer unique LCD products like advanced touchscreen tabletops, high quality medical displays and rugged mobile devices. All of which can benefit from our value add integration services. Our products are used across many industries including Military, Avionics, Marine, Industrial, Medical, Transportation and many more.







CERTIFICATIONS

ACDisplays values high-quality working and design standards. We support your teams with the knowledge & expertise needed to make strategic design and manufacturing decisions.









AGDISPLAYS IS ISO 14001, 45001 & R2 CERTIFIED

CONTACT US

HEADQUARTERS

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