faytech

Digital Signage Solutions

promote your products and services

keep customers informed of the latest offerings

encourage customers to try new products

announce promotions remotely

capture the attention of passersby

for service stations

faytech's digital signs are an excellent way to capture the attention of drivers whether they are passing by or filling up. They offer bright, vivid colors and moving graphics that are hard to miss, making them an ideal tool for catching the attention of potential customers.

Promote products and services to increase sales and encourage customers to try new products that they may not have noticed otherwise. faytech's digital signs can be updated in real-time and remotely, allowing managers to quickly update their prices or announce promotions. Help build customer loyalty by keeping them informed of the latest deals and offerings.

for convenience stores

faytech offers medium- to large-sized touch and non-touch monitors, PCs and kiosks ranging from 24-65". These signs are more environmentally friendly than traditional signs as they don't require paper or ink for printing. This can help reduce your business's carbon footprint and appeal to environmentally conscious customers.

faytech's signs offer long-lasting LED backlights that are designed and built for years of 24/7 continuous operation. High brightness and IP65 waterproof/dust-proof options are faytech standards needed in tough outdoor environments such as convenience stores, service stations, and rest stops.

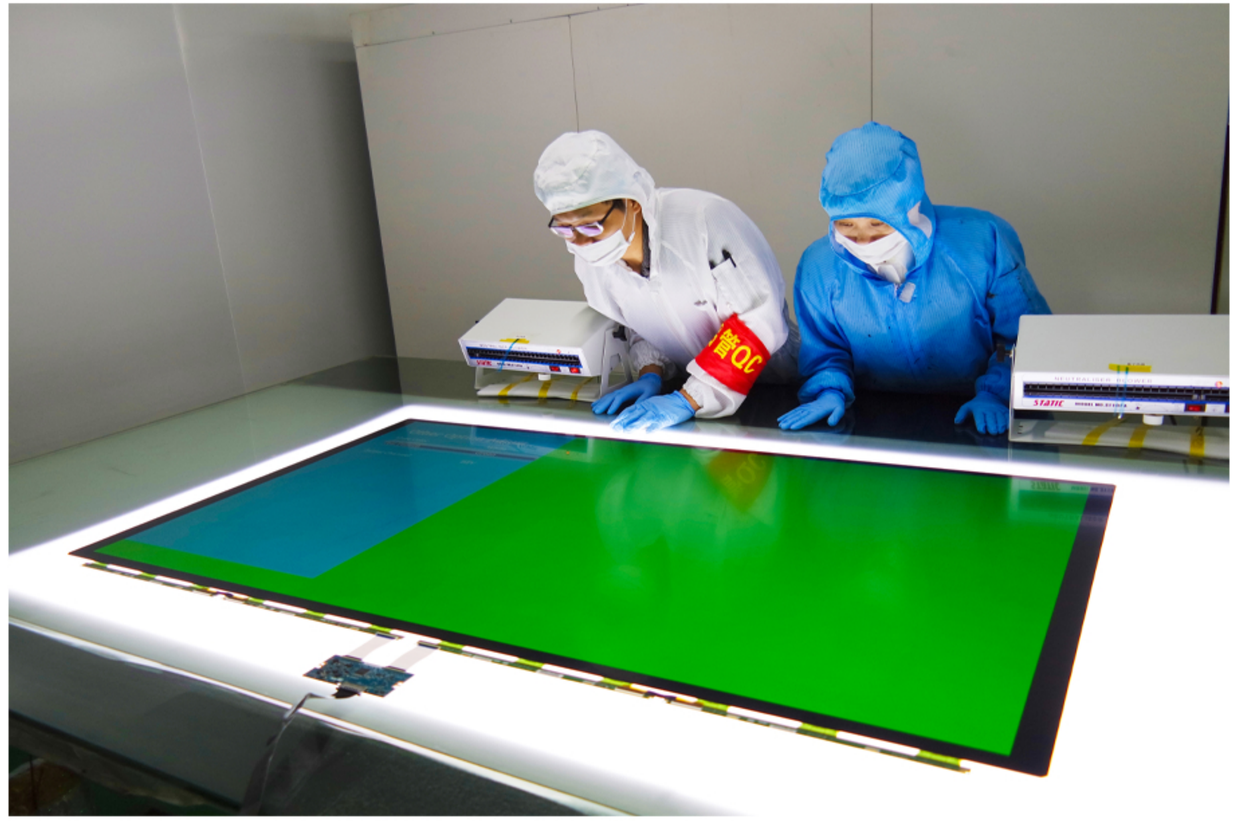
faytech's advantage

"Optical bonding is the process of filling up the air gap between the cover glass / touch panel and LCD cell / module to improve the visual and material features and with that the quality and value of the bonded device."

faytech is the #1 provider of large format optical bonding services globally and has its own proprietary optical bonding formula, CLEAR-BOND.

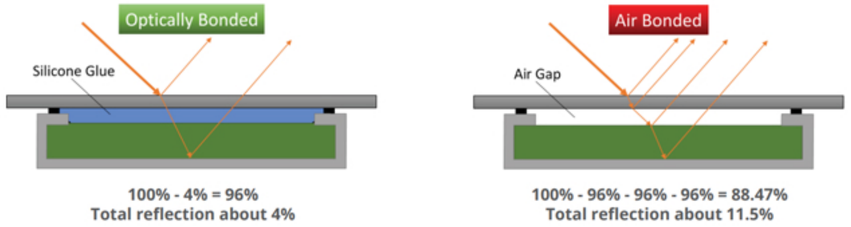
CLEAR BOND

CLEAR-BOND uses a silicone-based liquid adhesive that has been specifically created to provide the best optical bonding performance on the market, even in the most extreme environments.



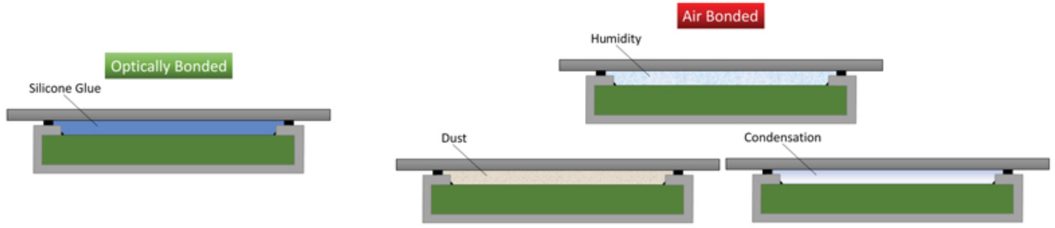
- Temperature ranges of -50°C to +120°C
- Military usage standards
- Tested at altitudes of 6000+ meters
- Impact energy without damage increased by about 20%

optical bonding reduces reflections by about 65%



optical bonding increases brightness by about 10%

no humidity nor dust can enter between the touch panel and LCD cell



resistance to damage from impact is increased by about 20%

benefits of optical bonding

Improved Readability optical bonding can significantly enhance the visibility of digital signage displays by reducing the amount of reflection and glare, making them easier to read in high ambient light environments.

Enhanced Durability by bonding the display panel with the protective cover glass, optical bonding can make the display more resistant to physical impact, scratches, and other types of damage, increasing the longevity of the device.

Improved Image Quality optical bonding eliminates the air gap between the display panel and the cover glass, which can reduce internal reflections, resulting in better color accuracy, contrast, and sharpness.

Increased Touch Sensitivity with optical bonding, touch sensors can be positioned closer to the display surface, which improves touch sensitivity, and reduces the chance of parallax errors.

Better Weather Resistance optical bonding can help to protect displays from moisture, dust, and other environmental factors, making them more suitable for outdoor use.

benefits of optical bonding

Reduced Heat Dissipation optical bonding can help to dissipate heat more efficiently, which can prolong the life of the device and reduce the risk of overheating.

Improved Aesthetics by eliminating the air gap between the display panel and the cover glass, optical bonding can give the display a sleek, seamless appearance.

Increased Ruggedness displays that are subjected to frequent use or harsh environments can benefit from optical bonding, which can provide a protective barrier against damage.

Improved Touch Accuracy by reducing the distance between the touch sensor and the display panel, optical bonding can improve the accuracy of touch input, reducing errors and improving overall performance.

Reduced Maintenance Costs displays that are optically bonded require less maintenance, as there is no need to clean the air gap between the display panel and the cover glass, which can save time and money over the life of the device.

your hardware solution

Let us design the perfect hardware solution for your business!

faytech has experience developing hardware for digital displays since 2006, and has worked with software-developing partners since that time.

All of faytech's products receive CE, FCC, CCC and RoHS certifications, and meet European health, safety, and environmental protection standards.

faytech can provide the hardware for your business. The various software shown in this presentation are concepts, and can be developed by one of our many trusted software partners.

27″ Capacitive Touch Monitor

available with rubber frame	**7″ - 27″**
aluminum frame	**32″ - 55″**

Screen diagonal	27" / 68.5 cm
Display active screen size	59.76 × 33.62 cm (23.52″ × 13.23″)
Aspect ratio	16:9
Physical resolution	1920 × 1080 px
Maximum showable resolution	1920 × 1080 px
Brightness	300 (cd/m^2)
Contrast	3000:1
Typical reaction time Tr/ Tf	7/5 (ms)
Visual angle horizontal/vertical	178/178 (°)
Backlight	LED
Backlight lifetime	30,000 (hours)

43″ Embedded PC Kiosk 4K

Screen diagonal	43" / 109 cm
Display active screen size	94.09 × 52.93 cm (37.04″ × 20.83″)
Aspect ratio	16:9
Physical resolution	3840 × 2160 px
Maximum showable resolution	3840 × 2160 px
Brightness	1000 (cd/m^2)
Contrast	4000:1
Typical reaction time Tr/ Tf	8/8 (ms)
Visual angle horizontal/vertical	178/178 (°)
Backlight	LED
Backlight lifetime	50,000 (hours)

48.5" Stripe-Type Monitor

Screen diagonal	48.5″ / 121.92 cm
Display active screen size	120.96 × 22.68 cm (47.62″ × 8.93″)
Aspect ratio	48:9
Physical resolution	1920 × 360 px
Colours displayed	16.7M
Brightness	500 (cd/m^2)
Contrast	4000:1
Typical reaction time Tr/Tf	8/8 (ms)
Visual angle horizontal/vertical	178/178 (°)
Backlight	LED
Backlight lifetime	30,000 (hours)

about faytech

Founded	March 27, 2009
Headquarters	faytech AG (Witzenhausen, Germany)
CAGR 2009 - 2020	35%
Consolidated Revenue 2021 (based on global company ownership)	USD 31.8 Million
Global Employees	370+
No. of Technology Patents	24 (7 pending)
Revenue invested into R&D	10.2%
Standard products in portfolio (excluding projects & accessories)	92

REPRESENTED BY

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New York, USA

faytech Private Limited
New Delhi, India

Deutsche faytech Korea
Seongnam-si, South Korea

faytech has been manufacturing touch PCs since 2010 at its factory in China. All touch devices are solely designed and manufactured by faytech using its own ISO 9001:2008 certified production lines, following strict German quality guidelines and expectations.

In 2022, faytech became a part of Pyramid AG group, allowing us to truly focus on our growth, innovation, and competitive advantage in the touch devices market.

Production/Research

Huizhou, China
4,450 m²

Optical bonding, electronics assembly, R&D, sales and project business. 20k+ optical bonding and touch panels per month.

Screen Production

Suining, China
12,000 m²

Optical bonding, electronics assembly and manufacturing of touch devices. 10k+ touchscreen devices per month.

Metal Production

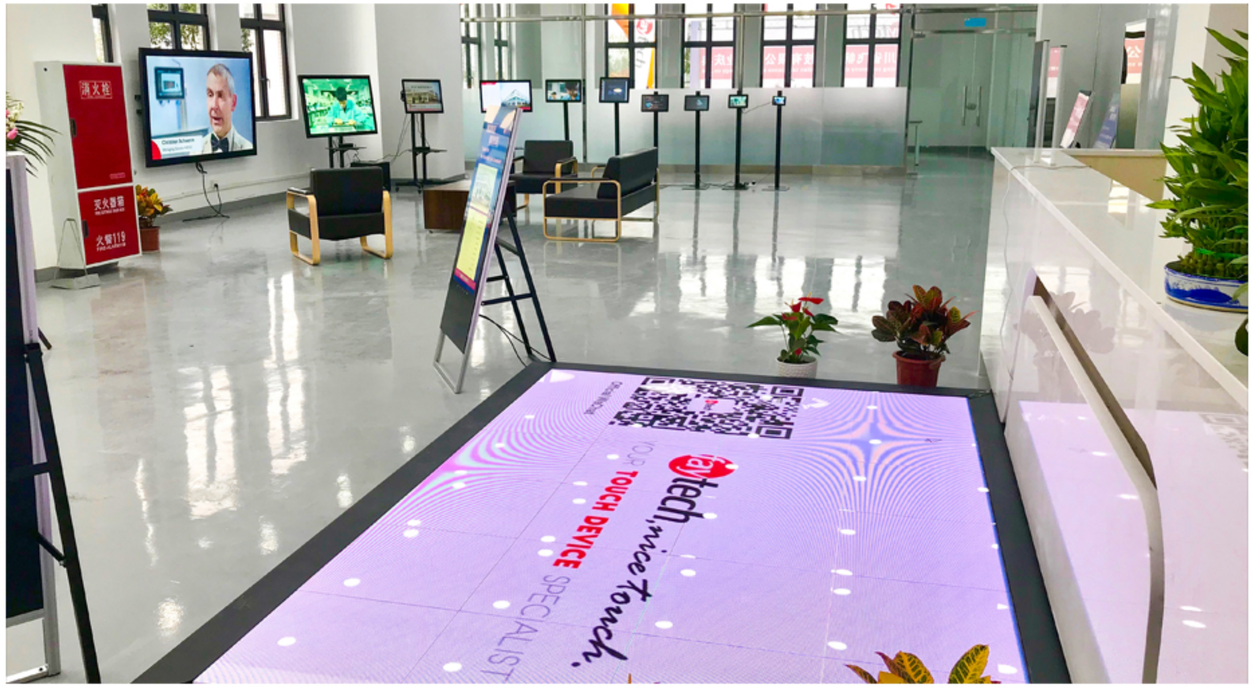
Suining, China
6,450 m²

Metal production and case manufacturing. 40k+ sets of cases per month.

Kiosk/Server Production

Ichtershausen, Germany
3,800 m²

Kiosk production, design, R&D, and service center.


touch nice touch.
TOUCH DEVICE
SPECIALIST

Member of Bystronic
D-FAST
CUTTING MACHINE

EASY
SHOPPER

faytech

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