



CUSTOMIZED TOUCH SOLUTIONS

since 1994

www.dignity-eu.com



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DIGNITY

CUSTOMIZED TOUCH SOLUTIONS

Dignity Electronics was founded in 1994 as an HMI and touch solutions supplier, and for more than twenty five years has been focused on researching, designing and manufacturing interface solutions, including membrane and capacitive switches, touch screens, and touch monitors, for consumer and commercial applications.

Dignity provides standard and custom-designed touch products to companies worldwide, and has the needed technical know-how and capabilities to build the right solution for the customer's needs.

Dignity currently manages two facilities with a total area of more than 25,000 square meters, including a class 1000 clean room production area of more than 3500 square meters and multiple touch screen integration production cells rated to class 100 and above.

With more than 500 workers, Dignity currently produces millions of components per year, including hundreds of thousands of touch screens.

With our new integrated facility in place, we have multiple automated and semi-automated production lines, as well as the manufacturing and design capabilities necessary to serve our customers for both low-volume, highly-customized projects as well as high-volume, standardized production runs.

In 2019, we established a subsidiary, Dignity Europe, in Valencia (Spain) to better serve our valued European customers with in-person product consultations and support, as well as standard product inventory and stock available for lead time sensitive projects.

Touch Panels & Modules

- Custom & Standard Products
- Projected Capacitive
- Resistive
- Optical Bonding
- Standard & Custom Touch Monitors

Other Touch Solutions

- Membrane Switches
- Capacitive Switches



Working from either your specifications or designing a custom solution for your needs based on our experience and extensive design library, we can quickly develop fully customized products that integrate seamlessly into your end application. Our engineering and sales teams oversee the project from prototyping through production.

solution



Touch
Monitors



Touch
Sensors



Cover
Lens



Display
Enhancements



FULL SOLUTION ENGINEERING

TOUCH MONITORS

- Range of standard cost-effective and premium products for a variety of applications.
- Custom touch monitor design, tooling and fabrication from 4.3" to 86".
- Custom lighting, enclosure and cover glass design as per customer specification.

TOUCH SENSORS

- We provide both resistive and projected capacitive touch technology.
- A range of sensor structures and sizes available (4.3"-86" GG, GF, GFF.).
- Customized touch performance design and tuning provided in-house.

COVER LENS

- Highly customized cover lens design available.
- Silk screening , cutouts, custom bezel design.
- Chemically strengthened, heat tempered, borosilicate and other glass varieties available.

DISPLAY ENHANCEMENTS

- Variety of enhancements available.
- Range of Optical enhancements.
- Mirror coating and Deadfront effects available.
- Multiple EMI shielding options.



WHY WORK WITH US

Dignity provides touch solutions for a large range of companies, from SMEs to Fortune 500s. We're their partner of choice for several key reasons:

Focused - Reduced lead times and communication cost due to dedicated project teams.

Experienced - With nearly twenty five years of designing and providing high quality HMI solutions to all levels of customers, from customized low volume solutions to millions of components a year, we have the experience, knowledge and management systems in place to deliver a quality product on time, every time.

Capable - We've been certified and recognized by more than ISO - we work with some of the biggest names and most demanding partners worldwide in appliances, interface systems and consumer electronics (Hisense, Whirlpool, LG, Midea, Galanz, Haier).

Turnkey Solutions - Dignity has three touch sensor production lines, six integration cells, and a dedicated monitor assembly workshop. With in-house touch sensor production, CNC milling, laser etching, silk screening, optical bonding and other capabilities, Dignity is a turnkey manufacturer for a range of touch solutions.

OUR HISTORY



COMPANY FOUNDING

With an initial investment of \$4 million USD, the latest equipment and technology was imported from Europe in order to set up a membrane switch production line.

1994

INDUSTRY LEADING

By this point, we had already become the largest domestic supplier to the growing home appliance industry.

1996

TOUCH PANEL DIVISION FOUNDED

Touch panel division is founded as a wholly owned subsidiary; company moves into Shunde High Tech Industrial Park.

2006

RESISTIVE SCREENS

Company begins production of resistive panels for consumer electronics and cell phones.

2007

PCAP SCREENS

Began R&D into PCAP panels; by the end of 2010 begin full scale production of PCAP touch screens. Also launched production of OGS and GF product lines.

2010

NEW TOUCH PANEL FACILITY

Production is moved to a purpose-built, company owned facility with more than 15,000 square meters of production, warehousing, offices, etc.

2016

NEW LARGE FORMAT PCAP LINE

By Q3 2018 a new specialized, custom engineered and built large format PCAP production line to be fully ramped up and operational. Production of product up to 86"+

2018

NEW SUBSIDIARY IN EUROPE

We established a subsidiary, Dignity Europe, in Valencia (Spain) to better serve our valued European customers.

2019

NEW TOUCH MONITOR SERIES

We launched our brand-new Open Frame Touch Monitor Series.

2023



Extensive Category Experience

We have nearly 25 years in the field of HMI touch solutions and more than 15 years of touch panel design, production and engineering experience.

First Class Production Capabilities

A modern, flexible and fully equipped production facility allows us to meet the capacity and quality demands of any customer.

Superior Quality Control

We have a rigorous and time tested quality system structure that has allowed us to work hand in hand with some of the largest and most demanding multinationals.

Superior Service

We have a fully capable engineering, design, project management, logistics and operational team to provide complete service to our customers.

Lead Time Reduction

Our average lead time is less than 20 days for repeat orders and we can provide a design solution for most customers within 3-4 days.

Product Life Extension

We typically offer a year warranty as standard on most products, more than five years of product line availability and free software update services in perpetuity.

PROJECTED CAPACITIVE TOUCH

Product Overview

Dignity offers a wide range of Projected Capacitive (PCAP) touch screens (also known as PCI), with a variety of enhancements, sizes and others options.

We offer in-house design, engineering services, firmware tuning and other options to optimize the final touch solution for your end use.

Features

- Variety of product constructions and sizes available, with both custom and standard product ranges
- Supports up to 6mm cover lens for the most rugged touch applications
- Customizable silk screening, logos, cut outs and colored glass options
- Provides support for a range of touch performance enhancements, from 10-50 touch points, water resistance, gloved touch and stylus usage
- Variety of optical and performance enhancements and filters to customize products for final application



Product Size Range

Standard / Custom
4.3" - 86"



Product Support

On-site or Remote firmware
support provided



TOUCH PANEL



Up to 86" Touch Panel & Integration



OCF & LOCA Optical Bonding



Customized Cover Glass - AR, AG, Etching, Etc.



≤60 Touch Points, Active & Passive Stylus



Customization Options

Full range of cover lens, touch
sensor and electronics options



Product Customization

Parameter	
Screen size (Diagonal inches) Integrated LCD Product Construction Integration	Standard: 4.3" - 86" Yes/No GG / GIF / GFF / PG Tape Bonding / Optical Bonding
Cover Lens	
Cover Lens Thickness Cover Lens Material Additional Options	0.55mm - 6mm GS Glass, Gorilla Glass, Heat, Tempered, Plastic, etc. Silk screening, logos, cut outs, colored glass, etc.
Touch Controller & Interface	
Controller Location Controller Type Interface Operating System Performance Options	COB / COF Silicon Works / EETI / Customer Supplied / As specified I2C, USB, RS232 Windows xp, 7-10, Linux, iOS, Android 2-50 touch points, palm rejection, water rejection, gloved use, gestural controls, active stylus, etc.
Product Enhancements	
Optical Others EMI Resistance	Anti-Glare / Anti-Reflection / Mirror Finish / Dead Front Anti-fingerprint / Anti-Shatter Film / Hard Coat Metal Mesh / Firmware Tuning / EMI Filters

Projected capacitive touch screens offer superior touch performance, optical quality, lifespan, resistance to damage and other considerations. They can support multiple gestures and up to 50 simultaneous touch points.

Product Applications



Office
Automation



Gaming



Retail
& POS



Industrial &
Instrumentation



Medical
Equipment



Point of use

CAPACITIVE TOUCH PANELS



Available sizes

												7"	10"
15"	18,5"	19"	21,5"	27"	23,8"	27"	43"	55"	65"	75"	86"		

Size	Model	Product Description
7"	DY0702W - 2581	7" PCAP G+G Touch Panel
10"	DY1012W-2561	10" PCAP G+G Touch Panel
15"	DY1502S-2573	15" PCAP G+G Touch Panel
18,5"	DY1852W-4263	18,5" G+G Touch Panel
19"	DY1902S-3138	19" G+G Touch Panel
21,5"	DY2152W-3899	21,5" G+G Touch Panel
23,8"	DY2382W-2740	23,8" GG Touch Panel
27"	DY2702W-2522	27" G+G Touch Panel
32"	DY3202W-2523	32" G+G Touch Panel
42"	DY4202W-4450	42" G+G Touch Panel
43"	DY4302W-2586	43" G+G Touch Panel
55"	DY5502W-2588	55" PCAP G+G Touch Panel
65"	DY6502W-2589	65" PCAP G+G Touch Panel
75"	DY7502W-3566	75" PCAP G+G Touch Panel
86"	DY8602W-3511	86" PCAP G+G Touch Panel

Replacement Specials

18,5"	DYRP1852W01	18,5" G+G Touch Panel + Plastic Frame
21,5"	DYRP2152W01	21,5" G+G Touch Panel + Plastic Frame
21,5"	DY2152W-5291	21,5" G+G Touch Panel
23,8"	DYRP2382W01	23,8" G+G Touch panel
23,8"	DY2382W-3476	23,8" G+G Touch Panel
27"	DY2702W-4925	27" G+G Touch Panel
27"	DY2702W-5142	27" G+G Touch Panel
27"	DY2702W-5292	27" G+G Touch Panel
27"	DY2703W-5346	27" GFF Touch Panel

TOUCH MONITORS & KITS

Product Overview

Dignity offers a wide range of both standard and custom developed Projected Capacitive (PCAP) touch liquid crystal display modules, with both commercial and consumer displays available.

Combining our high performance PCAP multitouch technology with a range of LCD displays to offer customers a turnkey solution that reduces development cost and lead time while offering superior design flexibility and customizability.



POS



APPLIANCES



POI



GAMING



KIOSK



FEATURES

- Supports up to 6mm cover lens for the most rugged touch applications.
- Highly customizable cover lens -silk screening, cut outs, enhancements, etc.
- Water rejection and gloved touch supported (nitrile, latex, vinyl, cotton, etc.)
- Optical bonding available for enhanced module performance and lifespan.
- Designed for highly customizable touch interactions and UI.



Office
Automation



Communication
& Education



Gaming



Retail
& POS



Industrial &
Instrumentation



Medical
Equipment



Point of use

Parameter	Options & Notes
Screen size (Diagonal inches) Product Construction Integration	Standard 4.3"-86" GG / GIF / GFF / PG Tape Bonding (OCA, OCF & LOCA)
Cover Lens	
Cover Lens Thickness Cover Lens Material Additional Options	0.55mm - 6mm GS Glass, Gorilla Glass, Heat Tempered, Plastic, etc. Silk screening, logos, cut outs, colored glass, etc.
Touch Controller & Interface	
Controller Location Controller Type Interface Operating System Performance Options	COB / COF Silicon works / EETI / Customar supplied/ AS specified I2C, USB, RS232 Windows xp, 7-10, Linux, iOS, Android 10-50 Touch points, palm rejection, water rejection, gloved use, gestural controls, active stylus, etc
Product Enhancements	
Optical Others EMI Resistance	Anti-Glare / Anti-Reflection / Mirror Finish / Dead Front Anti-finger print / Anti-Shatter Film / Hard Coat Metal Mesh /Firmware Tuning / EMI Filters
LCD Options	
LCD Type Standard LCD Suppliers Lifespan Brightness	IPS / VA / Transflective / etc. Tianma / BOE / AUO / Innolux 30k / 50k / 100k 200-1000 nits

LCM MODULES

LCM Modules

In addition to our touch screen product line, we also offer touch screen integration services to our customers. Touch screen integration bonds the touch panel and sensor to the selected display. There are multiple varieties of bonding available based on cost and performance considerations:

Liquid Optical Bonding (LOCA/OCR)

Liquid Optical Bonding (LOCA/OCR) - this uses a liquid clear adhesive cured by UV light to fill the gap between screen and display. LOCA provides the greatest improvement in display performance, though it adds significant cost.

Tape Bonding

Tape Bonding - using double sided adhesives, we attach the display directly to the touch panel. A low cost, efficient solution that provides some ruggedization and improves product lifespan.

Dry Optical Bonding (OCA)

Dry Optical Bonding (OCA) - this process uses sheets of clear, pressure-sensitive sheet adhesive to bond the display and touch screen. A good mix of improved performance and cost competitiveness.

Touch Input Methods	Display Services	Design Services
Optical Bonding (OCA) Optical Bonding (OCR) Tape Bonding -	LCD Display Sourcing LCD Purchasing LCD Integration LED Display Sourcing	Solution Engineering Product Engineering Enclosure Design Consulting Extensive Design Data Base

TOUCH & NON-TOUCH MONITORS

DE and DG Series

Applications

■ Amusement ■ Digital Signage ■ Kiosk or Self Service ■ Industrial automation

RGB MONITOR
Available

Aluminium Frame
Available

Available sizes

18,5"

21,5"

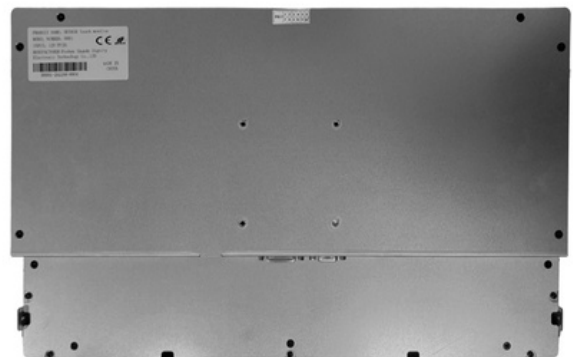
23,8"

27"

31,5"

DE Series / Zero bezel

Size: 18,5"



18,5"

Touch monitor



View complete
datasheet

DE1850-0001-C820

Open Frame Touch Monitor



Multi-touch



1366(H) x 768(V)

Zero bezel

PCAP



CE

2 YEARS WARRANTY

Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	300 nits	1000:1	VGA, DVI	ON (Default - 80% Brightness): 17W	3.8kg

Also Available As: **Non-Touch monitor**  **DE1851-0011-N820** Open Frame Non-Touch Monitor

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21,5"

Touch monitor

View complete
datasheet**DE2150-0002-C810**

Open Frame Touch Monitor

Multi-touch



1920 (H) x 1080 (V)

Zero bezel

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	250 nits	1000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, 12V D/C in	ON (Default - 80% Brightness): 19W	4.9 kg

Also Available As:

Non-Touch monitor**DE2151-0012-N810** Open Frame Non-Touch Monitor

23,8"

Touch monitor

View complete
datasheet**DE2380-0003-C810**

Open Frame Touch Monitor



1920(H) x 1080(V)

Zero bezel

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	250 nits	1000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA,HDMI,Display Port, 12V D/C in	ON (Default - 80% Brightness): 17W	5.8 kg

Also Available As: **Non-Touch monitor****DE2381-0013-N810** Open Frame Non-Touch Monitor

27"

Touch monitor

View complete
datasheet**DE2700-0004-C810**

Open Frame Touch Monitor



1920(H) x 1080(V)

Zero bezel

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	300 nits	3000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA,HDMI,Display Port, 12V D/C in	ON (Default - 80% Brightness): 17W	7.3 kg

Also Available As: **Non-Touch monitor****DE2701-0014-N810** Open Frame Non-Touch Monitor



31,5"

Touch monitor

View complete
datasheet**DE3150-0005-C810**

Open Frame Touch Monitor



1920(H) x 1080(V)

Zero bezel

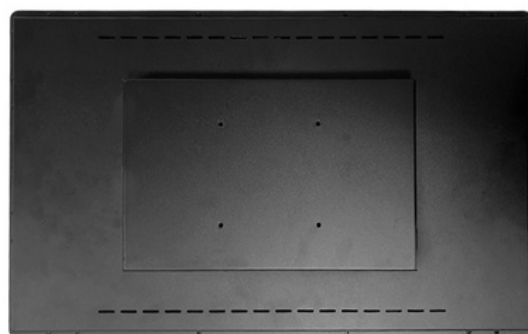
PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	350 nits	1200:1	Mini-USB, RJ45 for OSD remote key, VGA, HDMI, Display Port, 24V D/C in	ON (Default - 80% Brightness): 20W	9 kg

Also Available As:

Non-Touch monitor**DE3151-0015-N810** Open Frame Non-Touch Monitor



18,5

Touch monitor



View complete
datasheet

DG1850-0006-C810

Open Frame Touch Monitor



1366(H) x 768(V)

with FRAME

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	300 nits	1000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, 12V D/C in	ON (Default - 80% Brightness): 17W	9 kg

Also Available As: **Non-Touch monitor**



DG1851-0016-N810 Open Frame Non-Touch Monitor

21,5"**Touch monitor****DG2150-0007-C810**

Open Frame Touch Monitor

View complete datasheet



1920(H) x 1080(V)

with FRAME

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	250 nits	1000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, 12V D/C in	ON (Default - 80% Brightness): 19W	5.3 kg

Also Available As: **Non-Touch monitor****DG2151-0017-N810**

Open Frame Non-Touch Monitor

23,8"**Touch monitor****DG2380-0008-C810**

Open Frame Touch Monitor

View complete datasheet



1920(H) x 1080(V)

with FRAME

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	250 nits	1000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, 12V D/C in	ON (Default - 80% Brightness): 17W	6.22 kg

Also Available As: **Non-Touch monitor****DG2381-0018-N810**

Open Frame Non-Touch Monitor

27"**Touch monitor****DG2700-0009-C810**

Open Frame Touch Monitor

View complete datasheet



1920(H) x 1080(V)

with FRAME

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	300 nits	3000:1	Serial port, USB Type B, RJ45 for OSD remote key, VGA, HDMI, Display Port, 12V D/C in	ON (Default - 80% Brightness): 17W	7.74 kg

Also Available As: **Non-Touch monitor****DG2701-0019-N810**

Open Frame Non-Touch Monitor



31,5"

Touch monitor



View complete
datasheet

DG3150-0010-C810-B0

Open Frame Touch Monitor



1366(H) x 768(V)

with FRAME

PCAP



Number of colors	Brightness	Contrast ratio	I/Ports	Power Consumption (Typical ON)	Weight (Unpackaged)
16.7M	350 nits	1200:1	Mini-USB, RJ45 for OSD remote key, VGA, HDMI, Display Port, 24V D/C in	ON (Default - 80% Brightness): 20W	11 kg

Also Available As: **Non-Touch monitor**



DG3151-0020-N810 Open Frame Non-Touch Monitor



NON-TOUCH MONITORS

To better suit a variety of customer designs and needs, we offer a Non-Touch version of each of the Touch Monitors in our product range. These can be customized with various options for the driver board, cover glass, and display to meet your end-use requirements.



Available sizes



Size	Model	Product Description	Type
18,5"	DE1851-0011-N820	18,5" Non-Touch Monitor, Zero Bezel	Industrial Open Frame
21,5"	DE2151-0012-N810	21,5" Non-Touch Monitor, Zero Bezel	Industrial Open Frame
23,8"	DE2381-0013-N810	23,8" Non-Touch Monitor, Zero Bezel	Industrial Open Frame
27"	DE2701-0014-N810	27" Non-Touch Monitor, Zero Bezel	Industrial Open Frame
31,5"	DE3151-0015-N810	31,5" Non-Touch Monitor, Zero Bezel	Industrial Open Frame
18,5"	DG1851-0016-N810	18,5" Non-Touch Monitor with frame	Industrial Open Frame
21,5"	DG2151-0017-N810	21,5" Non-Touch Monitor with frame	Industrial Open Frame
23,8"	DG2381-0018-N810	23,8" Non-Touch Monitor with frame	Industrial Open Frame
27"	DG2701-0019-N810	27" Non-Touch Monitor with frame	Industrial Open Frame
31,5"	DG3151-0020-N810	31,5" Non-Touch Monitor with frame	Industrial Open Frame

KITS

TOUCH & NON-TOUCH

MONITOR KITS

For those customers that need to handle integration in-house, we offer Touch & Non-Touch monitor kits with all of the components needed for display integration pre-tested and packed, ready for assembly into a finished monitor.

Our experienced engineers are able to guide you in the decision as to which display technology best suits your product, whether it requires a wide temperature range, sunlight readability, fast response time, or low power operation



Available sizes

15,6"

18,5"

21,5"

23,8"

27"

32"

42"

55"



TOUCH KITS

Size	Model	Product Description	Type
15,6	DYKT1562W01	15,6" TP + LCD + ELECTRONICS KITS	TOUCH KIT
19	DYKT1902W01	19" TP + LCD + ELECTRONICS KITS	TOUCH KIT
21,5	DYKT2152W03	21,5" TP + LCD + ELECTRONICS KITS	TOUCH KIT
23,8	DYKT2382W01	23,8" TP + LCD + ELECTRONICS KITS	TOUCH KIT
27	DYKT2702W01	27" TP + LCD + ELECTRONICS KITS	TOUCH KIT
31,5	DYKT3202W01	31,5" TP + LCD + ELECTRONICS KITS	TOUCH KIT
42	DYKT4301W01	42" TP + LCD + ELECTRONICS KITS	TOUCH KIT
55	DYKT5501W01	55" TP + LCD + ELECTRONICS KITS	TOUCH KIT

NON-TOUCH KITS

Size	Model	Product Description	Type
19	DYKT1902W02	19" LCD + ELECTRONICS KITS + GLASS ONLY	NON-TOUCH KIT
21,5	DYKT2152W02	21,5" LCD + ELECTRONICS KITS + GLASS ONLY	NON-TOUCH KIT
23,8	DYKT2382W02	23,8" LCD + ELECTRONICS KITS + GLASS ONLY	NON-TOUCH KIT
27	DYKT2702W02	27" LCD + ELECTRONICS KITS + GLASS ONLY	NON-TOUCH KIT
31,5	DYKT3202W02	31,5" LCD + ELECTRONICS KITS + GLASS ONLY	NON-TOUCH KIT



ALL IN ONE PC/ COMPUTERS

Dignity Touch Solutions focuses on the research and development of industrial tablet pc, rugged tablet pc, industrial computers, etc. It is a global leading solution provider in the field of intelligent computers.

The products have passed ISO9001, CE and MIL-STD-810G certification. The products can be widely used in POS system, industrial control, 3D printing, laboratory testing, medical control, unmanned driving system, MES system, Vehicles, Parking system, health care, etc.

Dedicated to strict quality control and thoughtful customer service, we are always available to discuss your requirements and ensure full customer satisfaction.



7" 8" 10,1" 11,6" 15,6" Available sizes



- ① Switch
- ② Volume +/-
- ③ USB2.0*1pcs (Max Current:1.0A/pc)
- ④ USB3.0*1pcs (Max Current:1.0A/pc)
- ⑤ Headset Jack(3.5mm headphone)
- ⑥ CMOS Reset (Optional)
- ⑦ TF Card Slot (up to 128GB)

Intel inside Windows10 7" IPS Multi-Touch 2.4G Wi-Fi Bluetooth RJ-45 GigE USB3.0 HDMI Fanless design

7" Windows 10

Tablet PC (Industrial)

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
7"	F2	Windows 10	Z83XX	1.44 ~ 1.84GHz	1200x1920	2+32G	179x115x52mm



- ① Switch ② Volume+/- ③ USB2.0*1pcs (Max Current:1.0A/pc)
- ④ USB3.0*1pcs (Max Current:1.0A/pc) ⑤ Headset Jack(3.5mm headphone)
- ⑥ DC 5V/3A ⑦ RJ-45 1000Mbps Gigabit Lan
- ⑧ HDMI 1.4 Output (up to 4K@30fps) ⑨ USB2.0*2pcs (Max Current:1.0A/pc)
- ⑩ CMOS Reset (Optional) ⑪ TF Card Slot (up to 128GB)

Intel inside
 Windows10
 8" IPS
 Multi-Touch
 2.4G Wi-Fi
 Bluetooth
 RJ-45 GigE
 USB3.0
 HDMI
 Fanless design

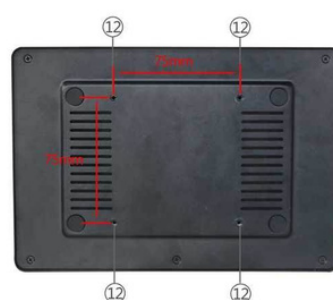
8" Windows 10

Mini Industrial Touch PC

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
8"	F3APL	Windows 10	Z8350	1.44 ~ 1.92GHz	1200x1920	4+64G	199x136x27mm



- ① Switch ② Volume+/- ③ USB2.0*1pcs (Max Current:1.0A/pc)
- ④ USB2.0*1pcs ⑤ Headset Jack(3.5mm headphone)
- ⑥ DC 12V/2A ⑦ RJ-45 1000Mbps Gigabit Lan
- ⑧ Display Output (up to 4K@60fps) ⑨ USB3.0*2pcs
- ⑩ CMOS Reset (Optional) ⑪ TF Card Slot (up to 128GB)
- ⑫ Standard VESA mount (75x75mm)



RK3568
 Android11
 8" IPS
 Multi-Touch
 2.4G Wi-Fi
 RJ-45 GigE
 USB3.0
 Fanless design

8" Android

Industrial Touch PC

Size	Model	System	CPU	Frequency	Screen	Storage	Dimensions
8"	F3R	Android	Rockchip RK3566 Quad-core	Up to 2.0GHz	800*1280	2GB+32 GB	199 x 136 x 27mm



- ① Switch
- ② Volume+/-
- ③ USB2.0*2pcs (Max Current:1.0A/pc)
- ④ Headset Jack(3.5mm standard headphone+Microphone)
- ⑤ CMOS Reset (Optional)
- ⑥ TF Card Slot (up to 128GB)
- ⑦ USB3.0*2pcs (Max Current:1.0A/pc)
- ⑧ HDMI 1.4 Output (up to 4K@30fps)
- ⑨ RJ-45 1000Mbps Gigabit Lan
- ⑩ DC-12V/2A Plug
- ⑪ RS-232 Port (Full-duplex communication)
- ⑫ Thermovent
- ⑬ Speaker*2pcs

Intel inside Windows10 10.1" IPS Wake up on Lan Power on by Clock RJ-45 GigE COM Port SS USB3.0 5G&2.4G Wi-Fi Fanless design

10.1"

Windows 10

Tablet PC (Industrial)

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
10.1"	F6APL	Windows 10	N3450	1.10 ~ 2.20GHz	1280x800	4+64G	244x184.2x65mm



- ① Switch
- ② Volume+/-
- ③ USB2.0*2pcs (Max Current:1.0A/pc)
- ④ Headset Jack(3.5mm headphone)
- ⑤ CMOS Reset (Optional)
- ⑥ TF Card Slot (up to 256GB)
- ⑦ USB3.0*2pcs (Max Current:1.0A/pc)
- ⑧ Display Output (up to 4K@30fps)
- ⑨ RJ-45 1000Mbps Gigabit Lan
- ⑩ DC-12V/2A Plug
- ⑪ RS-232 Port (Full-duplex communication)
- ⑫ Thermovent
- ⑬ Speaker*2pcs

RK3566 Android11 10.1" IPS 2.4G Wi-Fi RJ-45 GigE Rs232 2xUSB3.0 4G LTE (Optional)

10.1"

Android

Tablet PC

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
10.1"	F6RPlus	Windows 10	RK3568	Up to 2.0GHz	1280x800	2+32G	244x184.2x65mm



Windows10 10.1" HD IP67 Drop-proof SS USB3.0 Fanless design 5000MAH 5G&2.4WiFi Shockproof

10.1"

Windows 10

Tablet PC (Industrial) Water/dust/crash-proof

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
10,1"	F7GPLUS	Windows 10	Z8350	1.44 ~ 1.92GHz	1200*1920	4+64G	280×184×26.5mm



- ① Switch
- ② Volume+
- ③ Volume-
- ④ USB2.0*2pcs (Max Current:1.0A/pc)
- ⑤ Headset Jack(3.5mm standard headphone+Microphone)
- ⑥ Thermovent
- ⑦ CMOS Reset (Optional)
- ⑧ TF Card Slot (up to 128GB)
- ⑨ USB3.0*2pcs (Max Current:1.0A/pc)
- ⑩ Display Output (up to 4K@30fps)
- ⑪ RJ-45 1000Mbps Gigabit Lan
- ⑫ DC-12V/2A Plug
- ⑬ RS-232 Port*3pcs (Full-duplex communication)
- ⑭ RS-485 Port (Simplex communication)
- ⑮ Speaker*2pcs

Intel inside Windows10 11.6" IPS Wake up on Lan Power on by Clock RJ-45 GigE 4xCOM Port SS USB3.0 5G&2.4G Wi-Fi Fanless design

11.6"

Windows 10

Tablet PC (Industrial)

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
11,6"	F11APL	Windows 10	N3450	1.10 ~ 2.20GHz	1920×1080	4+64G	283×177×73mm



- ① Switch
- ② Volume+
- ③ Volume-
- ④ USB2.0*2pcs (Max Current:1.0A/pc)
- ⑤ Headset Jack(3.5mm standard headphone+Microphone)
- ⑥ Kensington lock
- ⑦ CMOS Reset (Optional)
- ⑧ TF Card Slot (up to 128GB)
- ⑨ USB3.0*2pcs (Max Current:1.0A/pc)
- ⑩ HDMI 1.4 Output (up to 4K@30fps)
- ⑪ RJ-45 1000Mbps Gigabit Lan
- ⑫ DC-12V/2A Plug
- ⑬ RS-232 Port(Full-duplex communication)

Intel inside
 Windows10
 15.6" IPS
 Wake up on Lan
 Power on by Clock
 RJ-45 GigE
 COM Port
 USB3.0
 5G&2.4G Wi-Fi
 Fanless design

15.6"

Windows 10

Tablet PC (Industrial)

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
15,6"	F15APL	Windows 10	N3450	1.10 ~ 2.20GHz	1920×1080	4GB+ 64GB	379×241×44mm



- ① Switch
- ② Volume+
- ③ Volume-
- ④ USB2.0*2pcs (Max Current:1.0A/pc)
- ⑤ Headset Jack(3.5mm standard headphone+Microphone)
- ⑥ Kensington lock
- ⑦ CMOS Reset (Optional)
- ⑧ TF Card Slot (up to 128GB)
- ⑨ USB3.0*2pcs (Max Current:1.0A/pc)
- ⑩ Display Output (up to 4K@60fps)
- ⑪ RJ-45 1000Mbps Gigabit Lan
- ⑫ DC-12V/2A Plug
- ⑬ RS-232 Port(Full-duplex communication)

Intel inside
 Windows10
 15.6" IPS
 Wake up on Lan
 Power on by Clock
 RJ-45 GigE
 COM Port
 USB3.0
 5G&2.4G Wi-Fi
 Fanless design

15.6"

Windows 10

Tablet PC (Industrial)

Size	Model	System	CPU	Frequency	Screen	RAM	Dimensions
15,6"	F15APL	Windows 10	N3450	1.10 ~ 2.20GHz	1920×1080	4GB+ 64GB	379×241×44mm

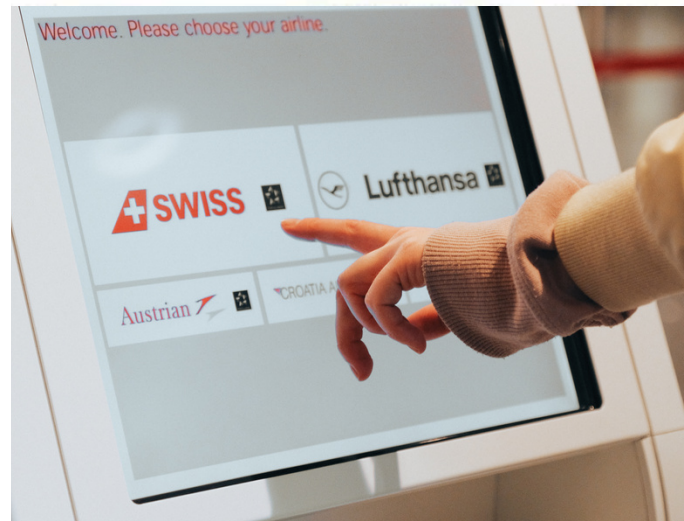
PRODUCT APPLICATION

Dignity's provides touch solutions for a varied range of end applications as diverse as digital whiteboards for education, testing equipment for the telecommunications industry, mobile POS units for retail and food service to industrial panel PCs for factory automation.

Our width and breadth of experience means that we can design a solution to meet any customer requirement and fulfill the toughest testing regime.

Our team will translate your end product requirements into detailed touch and display specifications to ensure the suitability and performance of our touch solution. We provide a turnkey approach to touch and display design, from electronics to firmware to connectors.

- Gaming
- Industrial
- Education
- Medical
- Home & Office
- Automation
- Digital Signage
- Appliances
- Marine & In-Vehicle
- POS



ESTRATEGIC PARTNERS

Dignity Electronics is a vertically integrated HMI and touch monitor manufacturer located in China's Pearl River Delta region. With in-house production of touch panels, HMI components, AG glass, optical bonding and display and monitor integration, we provide touch components and systems to some of the largest appliance, consumer electronic, medical and industrial controls manufacturers in the world.

With long-standing cooperation with key display partners in China and abroad, and with our sales partners overseas, Dignity provides customized solutions for customer's display and touch needs worldwide.





www.dignity-eu.com

DIGNITY



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To find out more about our range of standard and custom touch solutions, or to consult on a project, please visit www.dignity-eu.com or contact the sales office nearest you.

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