

WORLD CLASS
TOUCH DISPLAY COMPUTERS,
PANEL PCs and MONITORS



Enhance your product

with our sleek, feature-rich,



Touch Display Computers, Panel PCs,

Web Terminals and Monitors

















PRODUCTS

STANDARD PRODUCT LIST

KEY FEATURES

SAFETY GLASS & OPTICAL BONDING

HYGIENE CRITICAL

NEW PRODUCTS

MECHANICAL INTEGRATION & ELECTRONICS

QUALITY

SOFTWARE & DEVELOPMENT PLATFORM

ABOUT US

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STANDARD PRODUCT LIST

Our high performance Projected Capacitive Touch and TFT Display Computers and Monitors come with a long list of standard features, suitable for a wide range of applications.

Touch Display Computers / Panel PCs

| INDUSTRIAL SERIE | S | | | | | | | |
|------------------|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES |
| DL-DM430x | 4.3" | 101872 | 480 X 272 | 550 | | | | |
| DL-DM430i | 4.3" | 101893 | 480 X 272 | 550 | | | | |
| DL-DM500x | 5.0" | 101916 | 800 X 480 | 550 | | | | |
| DL-DM500i | 5.0" | 101894 | 800 X 480 | 550 | | | | |
| DL-DM700x | 7.0" | 102206 | 1024 X 600 | 550 | | | | |
| DL-DM700i | 7.0" | 102207 | 1024 X 600 | 550 | | | | |
| DL-DM900x | 9.0" | 101874 | 800 X 480 | 550 | | | | |
| DL-DM900i | 9.0" | 101896 | 800 X 480 | 550 | | | | |
| DL-DM1010x | 10.1" | 101875 | 1280 x 800 | 550 | | | | |
| DL-DM1210x | 12.1" | 101876 | 1024 x 768 | 550 | | | | |
| DL-DM1560x | 15.0″ | 101877 | 1920 x 1080 | 550 | | | | |

| HYGIENE CRITICAL | HYGIENE CRITICAL SERIES (STAINLESS STEEL FRONT HOUSING 316L) | | | | | | | | | | | |
|------------------|--|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|--|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES | | | | |
| DL-DM700x-H | 7.0″ | 102208 | 1024 x 600 | 550 | | | | | | | | |
| DL-DM900x-H | 9.0″ | 101879 | 800 x 480 | 550 | | | | | | | | |
| DL-DM1010x-H | 10.1" | 101880 | 1280 x 800 | 550 | | | | | | | | |
| DL-DM1210x-H | 12.1" | 101881 | 1024 x 768 | 550 | | | | | | | | |

| TOUGH GLASS SERI | ES - FROM | NT MOUNT, | , 4MM SAFI | ETY GLASS | , UL751 S4 | 16B | | |
|------------------|-----------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES |
| DL-DM430x-SGF | 4.3″ | 101882 | 480 X 272 | 550 | | 2 LAYER | | |
| DL-DM430i-SGF | 4.3″ | 101897 | 480 X 272 | 550 | | 2 LAYER | | |
| DL-DM500x-SGF | 5.0″ | 101883 | 800 X 480 | 550 | | 2 LAYER | | |
| DL-DM500i-SGF | 5.0″ | 101898 | 800 X 480 | 550 | | 2 LAYER | | |
| DL-DM700x-SGF | 7.0" | 102209 | 1024 X 600 | 550 | | 3 LAYER | | |
| DL-DM700i-SGF | 7.0″ | 102210 | 1024 X 600 | 550 | | 3 LAYER | | |
| DL-DM700x-SGF IO | 7.0" | 101885 | 800 X 480 | 550 | | 2 LAYER | | |
| DL-DM900x-SGF | 9.0" | 101886 | 800 X 480 | 550 | | 2 LAYER | | |
| DL-DM900i-SGF | 9.0" | 101900 | 800 X 480 | 550 | | 2 LAYER | | |
| DL-DM1010x-SGF | 10.1" | 101887 | 1280 x 800 | 550 | | 3 LAYER | | |
| DL-DM1210x-SGF | 12.1" | 101888 | 1024 X 768 | 550 | | 3 LAYER | | |

| TOUGH GLASS SERI | TOUGH GLASS SERIES - REAR MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|------------------|---|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES | | | |
| DL-DM500x-SGR | 5.0" | 101889 | 800 x 480 | 550 | | 2 LAYER | | | | | |
| DL-DM500i-SGR | 5.0" | 101901 | 800 x 480 | 550 | | 2 LAYER | | | | | |
| DL-DM700x-SGR | 7.0" | 102211 | 1024 X 600 | 550 | | 3 LAYER | | | | | |
| DL-DM700i-SGR | 7.0" | 102212 | 1024 X 600 | 550 | | 3 LAYER | | | | | |
| DL-DM900x-SGR | 9.0" | 101891 | 800 X 480 | 550 | | 2 LAYER | | | | | |
| DL-DM900i-SGR | 9.0" | 101903 | 800 X 480 | 550 | | 2 LAYER | | | | | |
| DL-DM1010x-SGR | 10.1" | 101892 | 1280 x 800 | 550 | | 3 LAYER | | | | | |

Touch Display Monitors

| INDUSTRIAL SERIES | | | | | | | | | | |
|-------------------|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | HDMI | | |
| DL-DM700-LVDS | 7.0" | 102213 | 1024 x 600 | 550 | | 2 LAYER | | | | |
| DL-DM900-LVDS | 9.0" | 101711 | 800 x 480 | 550 | | 2 LAYER | | | | |
| DL-DM1010-LVDS | 10.1" | 101705 | 1280 x 800 | 550 | | 2 LAYER | | | | |
| DL-DM1210-LVDS | 12.1" | 101737 | 1024 x 768 | 550 | | 2 LAYER | | | | |
| DL-DM-1010-HDMI | 10.1" | 101803 | 1280 x 800 | 550 | | 2 LAYER | | | | |
| DL-DM1210-HDMI | 12.1" | 101694 | 1024 x 768 | 550 | | 2 LAYER | | | | |
| DL-DM1560-HDMI | 15.6" | 101739 | 1920 x 1080 | 550 | | 2 LAYER | | | | |

| TOUGH GLASS SERI | TOUGH GLASS SERIES - FRONT MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|--------------------|--|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | HDMI | | | |
| DL-DM700-LVDS-SGF | 7.0" | 102214 | 1024 x 600 | 550 | | 3 LAYER | | | | | |
| DL-DM900-LVDS-SGF | 9.0" | 101795 | 800 x 480 | 550 | | 2 LAYER | | | | | |
| DL-DM1010-LVDS-SGF | 10.1" | 101796 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-LVDS-SGF | 12.1" | 101797 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1010-HDMI-SGF | 10.1" | 101804 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-HDMI-SGF | 12.1" | 101805 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1560-HDMI-SGF | 15.6" | 102204 | 1920 x 1080 | 550 | | 3 LAYER | | | | | |

| TOUGH GLASS SERI | TOUGH GLASS SERIES - REAR MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|--------------------|---|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | HDMI | | | |
| DL-DM700-LVDS-SGR | 7.0″ | 102215 | 1024 x 600 | 550 | | 3 LAYER | | | | | |
| DL-DM900-LVDS-SGR | 9.0" | 101800 | 800 x 480 | 550 | | 2 LAYER | | | | | |
| DL-DM1010-LVDS-SGR | 10.1" | 101801 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-LVDS-SGR | 12.1" | 101802 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1010-HDMI-SGR | 10.1" | 101806 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-HDMI-SGR | 12.1" | 101807 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1560-HDMI-SGR | 15.6" | 102205 | 1920 x 1080 | 550 | | 3 LAYER | | | | | |







PRODUCTS

STANDARD PRODUCT LIST KEY FEATURES SAFETY GLASS & OPTICAL BONDING

HYGIENE CRITICAL

NEW PRODUCTS

MECHANICAL INTEGRATION & ELECTRONICS

QUALITY

SOFTWARE & DEVELOPMENT PLATFORM

ABOUT US

TOUCH DISPLAY COMPUTERS

Sleek and modern design, high performance

STANDARD PRODUCT FEATURES

easy to use with a host of application options

DISPLAY

- Designed in-house
- 4.3" to 15.6" range
- (UWAT) or IPS

- Long lifetime

- Projected Capacitive Touch











SOFTWARE PLATFORM

GPU hardware accelerated graphics support

Fully functional board support package (BSP)

■ Various GUI support: Qt, Java, HTML5

■ 100% supported in-house by DLOGIC

Driver support for all interfaces

Linux including access to all standard packages

VPU hardware video encoding/decoding support



MECHANICAL

EMI / EMC rated housing

Stainless steel protective housing

Aluminium or S316 stainless front mounting

■ IP rated for moisture, water, dust and other

Front or rear mount

frame options

ruggedisation



STANDARD **PRODUCTS** PRODUCT LIST

Linux

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& ELECTRONICS

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ABOUT US

PERIPHERALS

CAN bus, RS232/485, MDB

(Galvanic isolated)

USB, SPI, I2C

PWM / GPIOs

Audio options

S/PDIF

Power Ethernet

CONTACT



- Proprietary Ultra-wide viewing angle technology
- Portrait or landscape modes
- 24-bit colour depth clear and vibrant colours
- High brightness backlights
- Industrial temperature range
- TOUCH •
- State of the art, in-house developed
- specifically for our DLOGIC modules
- Latest technology touch sensor
- Water and moisture support
- Glove touch support
- Pen support

ELECTRONICS

- NXP/Freescale Arm[™] i.MX series technology
- Industrial grade components
- Galvanic isolated interfaces
- Input power protection
- High performance, wide input voltage
- Battery backed real-time clock
- Conforms to various ISO, UL, CE standards



TOUGH GLASS SERIES

Our 4mm tough safety glass series comes in two basic options, SGF series for front mounting, and SGR for rear mounting. Both series meet UL751 S46B, and suitable for outdoor applications such as marine, transportation, heavy machinery and vending.

Implementing physically hardened safety glass enhances the impact, shock and vibration characteristics of the DLOGIC range.

REAR MOUNTING

Safety glass protruding from the front allowing installation into equipment from the back side, providing a completely flat front side surface.

> Illustration of standard **DL-DM700x-SGR** series with 4mm safety glass, rear mounted, flush mounted within the door frame.

FEATURES

Sleek and modern design >8H standard hardness Up to 6mm thick **UL 751 S46B rated** Front and rear mount options Rugged & robust



CLEARBOND® OPTICAL BONDING

'4mm Safety Glass Layer' Clearbond® Optical Bonding Touch Sensor Cover Glass Layer Clearbond® Optical Bonding

Touch Sensor Layer



DLOGIC models are available with our proprietary ClearBond ® optical bonding technology.

This removes any unwanted reflection of light between the display and touch sensor while ensuring there is no possibility for dust and dirt to get in between the cover lens, touch sensor and TFT display surfaces.

This is particularly important for equipment designed for outdoor use to avoid reflection from direct sunlight as well as protecting from dirt, dust, moisture, shock and vibration.

FEATURES

Improves viewability in all conditions

Increases ruggedness Improves resistance to shock, impact & vibration

Resistant to dust, dirt and moisture

| TOUGH GLASS SERIES - FRONT MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|--|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES | | |
| DL-DM430x-SGF | 4.3" | 101882 | 480 X 272 | 550 | | 2 LAYER | | | | |
| DL-DM430i-SGF | 4.3" | 101897 | 480 X 272 | 550 | | 2 LAYER | | | | |
| DL-DM500x-SGF | 5.0″ | 101883 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM500i-SGF | 5.0″ | 101898 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM700x-SGF | 7.0″ | 102209 | 1024 X 600 | 550 | | 3 LAYER | | | | |
| DL-DM700i-SGF | 7.0″ | 102210 | 1024 X 600 | 550 | | 3 LAYER | | | | |
| DL-DM700x-SGF IO | 7.0" | 101885 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM900x-SGF | 9.0" | 101886 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM900i-SGF | 9.0" | 101900 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM1010x-SGF | 10.1" | 101887 | 1280 x 800 | 550 | | 3 LAYER | | | | |
| DL-DM1210x-SGF | 12.1" | 101888 | 1024 X 768 | 550 | | 3 LAYER | | | | |

| TOUGH GLASS SERIES - REAR MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|---|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES | | |
| DL-DM500x-SGR | 5.0" | 101889 | 800 x 480 | 550 | | 2 LAYER | | | | |
| DL-DM500i-SGR | 5.0" | 101901 | 800 x 480 | 550 | | 2 LAYER | | | | |
| DL-DM700x-SGR | 7.0" | 102211 | 1024 X 600 | 550 | | 3 LAYER | | | | |
| DL-DM700i-SGR | 7.0" | 102212 | 1024 X 600 | 550 | | 3 LAYER | | | | |
| DL-DM900x-SGR | 9.0" | 101891 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM900i-SGR | 9.0" | 101903 | 800 X 480 | 550 | | 2 LAYER | | | | |
| DL-DM1010x-SGR | 10.1" | 101892 | 1280 x 800 | 550 | | 3 LAYER | | | | |

PRODUCTS

STANDARD PRODUCT LIST FEATURES

SAFETY GLASS **& OPTICAL BONDING**

FRONT MOUNTING

Sleek and modern design with safety glass hidden behind front panel of the machine

HYGIENE CRITICAL

NEW PRODUCTS

MECHANICAL INTEGRATION & ELECTRONICS

QUALITY

SOFTWARE & DEVELOPMENT PLATFORM

ABOUT US

CONTACT

DLOGIC.COM

HYGIENE CRITICAL SERIES



Due to the hygiene requirements of applications such as medical, laboratory equipment, food processing and handling, touch screen displays must be resistant to a variety of cleaning agents and solvents.

DLOGIC offers front mounted IP65 or greater stainless steel versions as standard for such applications.

| HYGIENE CRITICAL | HYGIENE CRITICAL SERIES (STAINLESS STEEL FRONT HOUSING 316L) | | | | | | | | | | |
|------------------|--|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|----------|----------|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | X SERIES | I SERIES | | | |
| DL-DM700x-H | 7.0" | 102208 | 1024 x 600 | 550 | | | | | | | |
| DL-DM900x-H | 9.0" | 101879 | 800 x 480 | 550 | | | | | | | |
| DL-DM1010x-H | 10.1" | 101880 | 1280 x 800 | 550 | | | | | | | |
| DL-DM1210x-H | 12.1" | 101881 | 1024 x 768 | 550 | | | | | | | |

STANDARD FEATURES

Sleek & Space Efficient Design
High Quality S316 Stainless Steel Housing
Water & Mositure Resistant
IP65 or Higher

OPTIONAL FEATURES

Water & Moisture Support Clearbond® Optical Bonding Glove Touch Support



TOUCH DISPLAY MONITORS

Want to use your own embedded computer board? No problem!

Our high performance Projected Capacitive Touch Monitors are designed to interface to any 3rd party LVDS or HDMI embedded PC or computer solution, and suitable for a wide range of applications.



| STANDARD INDUSTRIAL GRADE SERIES | | | | | | | | | | |
|----------------------------------|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | НДМІ | | |
| DL-DM700-LVDS | 7.0" | 102213 | 1024 x 600 | 550 | | 2 LAYER | | | | |
| DL-DM900-LVDS | 9.0" | 101711 | 800 x 480 | 550 | | 2 LAYER | | | | |
| DL-DM1010-LVDS | 10.1" | 101705 | 1280 x 800 | 550 | | 2 LAYER | | | | |
| DL-DM1210-LVDS | 12.1" | 101737 | 1024 x 768 | 550 | | 2 LAYER | | | | |
| DL-DM-1010-HDMI | 10.1" | 101803 | 1280 x 800 | 550 | | 2 LAYER | | | | |
| DL-DM1210-HDMI | 12.1" | 101694 | 1024 x 768 | 550 | | 2 LAYER | | | | |
| DL-DM1560-HDMI | 15.6″ | 101739 | 1920 x 1080 | 550 | | 2 LAYER | | | | |

| TOUGH GLASS SERI | TOUGH GLASS SERIES - FRONT MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | | | |
|--------------------|--|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|--|--|--|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | HDMI | | | |
| DL-DM700-LVDS-SGF | 7.0" | 102214 | 1024 x 600 | 550 | | 3 LAYER | | | | | |
| DL-DM900-LVDS-SGF | 9.0" | 101795 | 800 x 480 | 550 | | 2 LAYER | | | | | |
| DL-DM1010-LVDS-SGF | 10.1" | 101796 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-LVDS-SGF | 12.1" | 101797 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1010-HDMI-SGF | 10.1" | 101804 | 1280 x 800 | 550 | | 3 LAYER | | | | | |
| DL-DM1210-HDMI-SGF | 12.1" | 101805 | 1024 x 768 | 550 | | 3 LAYER | | | | | |
| DL-DM1560-HDMI-SGF | 15.6" | 102204 | 1920 x 1080 | 550 | | 3 LAYER | | | | | |

| TOUGH GLASS SERIES - REAR MOUNT, 4MM SAFETY GLASS, UL751 S46B | | | | | | | | |
|---|-------|---------------|-----------------------|-----------------------------------|------------------------------|--------------------|------|------|
| SERIES | SIZE | ORDER CODE | DISPLAY RESOLUTION | BACKLIGHT LUMINANCE [CD/M2] | CAPACITIVE TOUCH PANEL | OPTICAL BONDING | LVDS | HDMI |
| DL-DM700-LVDS-SGR | 7.0" | 102215 | 1024 x 600 | 550 | | 3 LAYER | | |
| DL-DM900-LVDS-SGR | 9.0" | 101800 | 800 x 480 | 550 | | 2 LAYER | | |
| DL-DM1010-LVDS-SGR | 10.1" | 101801 | 1280 x 800 | 550 | | 3 LAYER | | |
| DL-DM1210-LVDS-SGR | 12.1" | 101802 | 1024 x 768 | 550 | | 3 LAYER | | |
| DL-DM1010-HDMI-SGR | 10.1" | 101806 | 1280 x 800 | 550 | | 3 LAYER | | |
| DL-DM1210-HDMI-SGR | 12.1" | 101807 | 1024 x 768 | 550 | | 3 LAYER | | |
| DL-DM1560-HDMI-SGR | 15.6″ | 102205 | 1920 x 1080 | 550 | | 3 LAYER | | |

PRODUCTS STANDARD PRODUCT LIST

IST

KEY FEATURES SAFETY GLASS & OPTICAL BONDING

HYGIENE CRITICAL

NEW PRODUCTS

MECHANICAL INTEGRATION & ELECTRONICS

QUALITY

SOFTWARE & DEVELOPMENT PLATFORM

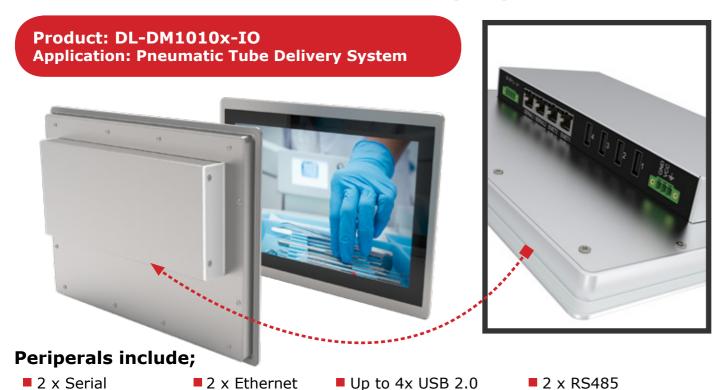
ABOUT US

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NEW PRODUCTS 2019

Based on NXP Arm® i.MX series technology, DLOGIC is pleased to announce the release of a new family of products.



Product: DL-DM1010-WT Application: Industrial Web Terminal

■ Integrated overvoltage protection

microSD Card

■ Stereo Audio

Web terminal based on HTML5 and Chromium browser. Numerous application possibilities.

Power Input from 10V to 32VLockable Phoenix Connectors





Now supporting Codesys compatible PLCs with CODESYS TARGETVISU

Visualisation software for IEC 61131-3 PLCs

Product: DL-DM500x-2U
Application: 2U Rack Mounted Touch Controller

Designed specifically for 2U high rack mounted installations - 5.0" 1280x720 resolution, high brightness, wide angle IPS Display

- Optically bonded Projected Capacitive Touch Panel
- Two (2) port Gigabit Ethernet





Product: DL-DM1010x-MARINE
Application: Marine System Controller

Capacitive high-bright touch display offers impressive daylight visibility with crisp graphic detail and elegant touch sensitivity, NMEA2000 compatible.





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PRODUCTS

MECHANICAL INTEGRATION AND CUSTOMISATION

Our modular design philosophy allows you to focus your energy and resources on your core product development

A poor mechancial design can cause many headaches, delays and costly redesigns.

Our sleek and robust Panel PC solutions have been designed for easy installation and mounting into your end product, machine or wall mounted equipment. DLOGIC offers front mounted IP65 or greater stainless steel versions as standard for such applications.





Powered by NXP Arm® i.MX series technology our hardware platforms have been designed and built from the ground up.



Our technology delivers an outstanding touch display experience, an efficient and robust set of peripheral features capable of delivering a reliable, stable solution your application demands.

Our i-series offers efficient performance with graphics suitable to build highly functional industrial user experiences such as high-end appliances, HVAC systems and those requiring simple menus and static image applications not requiring video...

While the X-series provides extended performance with graphics capabilities enabling creation of highly dynamic user experiences with OPENGL based graphics and video support including camera input such as medical and agriculture equipment, vending applications and outdoor self-serve kiosks.

OTHER FEATURES

Wide Temperature Range, Long Life **Designed to Industrial Specifications High Efficiency**

Various Audio Options

Conformance to Major Standards such as CE and UL

Integrated Battery Backed Hardware Real-Time Clock



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QUALITY

You may not have heard of DLOGIC, but you have used our products for many years.

We design and manufacture products for our ODM and OEM customers, who then install our touch display computers into their high-end machines, mobile and fixed equipment as well as wall mounted products.

Our customers trust the quality we design into every aspect of our products, from concept to mass production.

Talk to us today about how we can help you to enhance your product with our touch display interfaces.



STANDARDS

We employ various standards and limits across our product range.

Emission standards such as EN55011 and EN61000 are employed, as well as Immunity standard IEC61000, in addition to FCC and ICES standards.



INTELLECTUAL PROPERTY

DLOGIC recognises that compliance with Intellectual Property rights laws and international agreements are of vital importance to our clients.

Protecting the Intellectual Property of our clients is subsequently of critical importance to the success of our business. We therefore implement stringent control and procedures to ensure proper IP protection on a per project and customer basis.



STANDARD **PRODUCTS** PRODUCT LIST

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SOFTWARE PLATFORM

The DLOGIC value proposition combines world class software and hardware in a ready to install product guaranteeing quick time to market and therefore excellent return on investment for your project.

NEW!



Now supporting Codesys compatible PLCs with CODESYS TARGETVISU

Visualisation software for IEC 61131-3 PLCs







Linux is installed across the entire product range which is known for its high reliability and stability with software developers.









Every DLOGIC unit is pre-installed with software supporting GUI applications utilizing state of the art technologies including QT, Java, HTML5 and CODESYS

As the board support package supports the entire DLOGIC touch display computer range applications may be written for one device and run on any size/version.

This combination of software systems provides a reliable, simple and efficient development environment.

AND BOARD SUPPORT

What you receive with a DLOGIC solution

- Linux based board support package across entire product range
- Debian distribution renowned for its high quality, reliability and stability
- Access to the vast Debian package repository via standard package management tools for easy updates and functionality enhancements
- Driver support for all interfaces
- GPU hardware accelerated graphics support
- VPU hardware video encoding/decoding support
- QT5 run-time libraries

Rapid GUI Development

DLOGIC provides a ready to go virtual development system as part of the development kit for application software development compatible with the device software platform.

The development system runs a desktop version of the Linux distribution installed on the devices and includes all necessary





PRODUCTS

STANDARD PRODUCT LIST

KEY FEATURES SAFETY GLASS & OPTICAL BONDING

HYGIENE CRITICAL

NEW PRODUCTS

MECHANICAL INTEGRATION & ELECTRONICS

QUALITY

SOFTWARE & DEVELOPMENT PLATFORM

ABOUT US

DEVELOPMENT SYSTEM

Our development system is offered to customers as a 'kit' and provides the starting point for application development with DLOGIC touch computer devices.

Development Kit includes

- DLOGIC DL series device version of your choice with pre-installed BSP for development
- Connector board for easy access to all interfaces
- Power adapter and cables
- Pre-configured Debian Linux virtual machine ready for application development with
 - cross compile tool-chains
 - development environment
 - demo applications source code
- Access to DLOGIC support













Development Kit highlights

- Graphics development with world class standard tools enabling super-fast development of responsive modern user interface applications
- QT5, Java and/or browser based applications
- All run-time libraries included as integral part of board support package.
- Development kit with pre-configured tools enabling efficient development on host and target device

ABOUT US

DLOGIC Europe GmbH headquartered in Altenburg, Germany, designs and manufacturers state of the art industrial touch display computers for wide range of applications, from the ground up. Built on Western business principles the owners, management and staff are of German, Swiss, Norwegian, English and Chinese native backgrounds.

Formed in 2008, we saw the success of the original iPhone and figured this would lead to a demand for sophisticated touch based graphical user interface devices across many markets and applications.

Since then we've developed and shipped a wide portfolio of standard touch-enabled display products, along with custom solutions for an array of OEM customers.

Our extensive knowledge and vast experience allows our engineering team to work closely with customers to meet the unique requirements for the most demanding applications. Our product realization services combine customized touch display computing technologies into a fully integrated and tested turnkey products.

At a time when manufacturing of electronic products to a large extent had moved to China we decided to locate our European engineering organization to Shenzhen, China, the largest electronics development zone in the world.

Combined with our own manufacturing capabilities, we work directly with the vast resources of the local electronics industry to develop our state of the art displays, touch sensors, mechanics and electronics technologies.

What we have today is a growing, highly skilled engineering organization on principles utilizing the best-in-class practices and world class local technology in the Silicon Valley of China. Come talk to us, we can help.



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