DENSiTRON

Advanced Medical Displays
Custom Engineered Products
AV Integration Software

www.densitron.com

Bringing you the medical display and control solutions you need to succeed

For over 50 years, Densitron has been at the forefront of developing and delivering display screen technology and human machine interaction.

Powerful, reliable and fit-for purpose display technology is key to effective operation in the medical and scientific industries. We design and develop medical display and control solutions that enable you to focus on the key aspects of your operations, and achieve ground breaking results.

Dynamic Displays

Densitron removes the challenges that many manufacturers find when sourcing components: change in price, quality control, communication and stress management.

Our broad catalogue of medical grade displays include:

TFT
SIZES 0.96" – 55"

Ranges include Bar Type, Knob Switch, Squared and Circled.

OLED
SIZES 0.66" – 27"

Ranges include Industrial AMOLED and Industrial PMOLED.

E-PAPER
SIZES 2.13" – 13.3"

MONOCHROME
SIZES 1" – 13.3"

Tactile and Haptic Technology

Although touch screens have taken on more control requirements in many applications, there remains a natural inclination towards physical controls and touch feedback for core tasks.
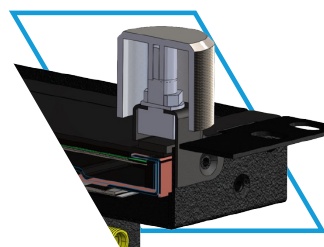
Designing these controls from scratch can be a time-consuming and costly process, however, our technology can easily be adapted to your application.
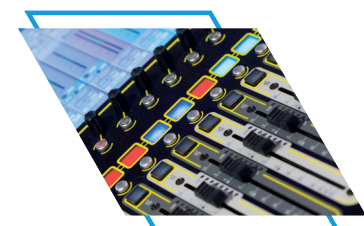

Integrated on-screen **Buttons, Rotary Knobs, and Faders,** using our proprietary **Tactila® technology.**

Glove-touch haptic solutions which create **feedback vibrations** that can be profiled and localized.

Other tactile technologies like **electro-mechanical encoders** with plug and play hardware and software solutions.

Integrated **off-screen buttons, knobs,** or **faders,** enabled by our DensiSDK and JogDial technologies.
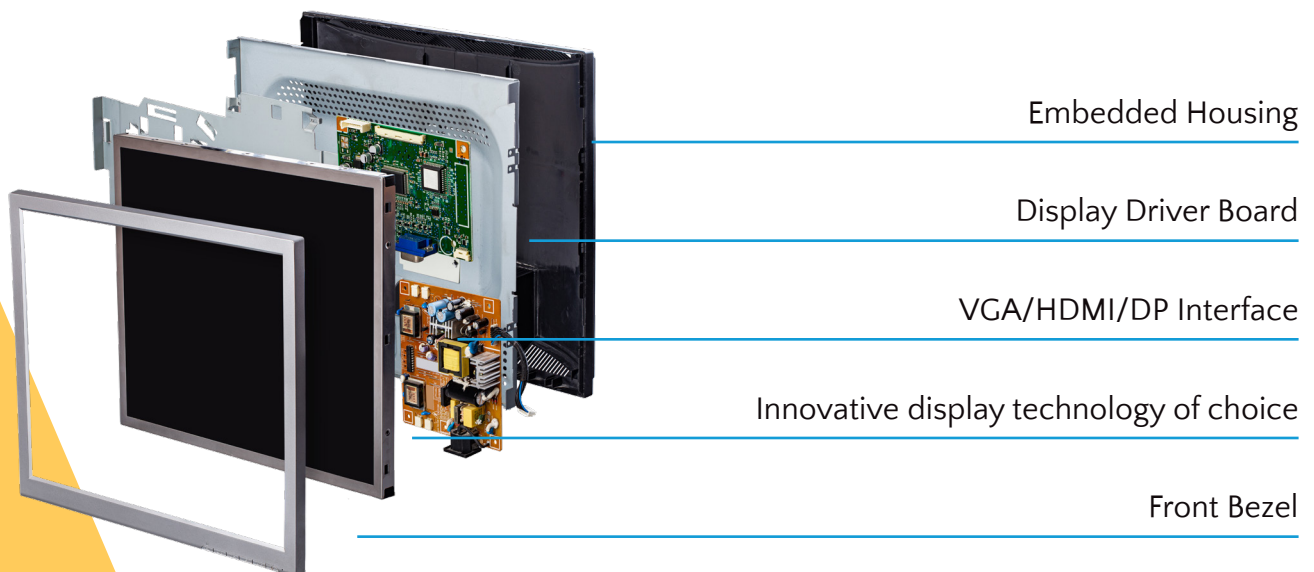
Custom Engineered Products

By outsourcing the manufacturing and some of the design work of your products to Densitron, you can free up R&D time and money, allowing you to concentrate more of your time on Software Engineering and focus more of your spend on marketing strategies – all whilst getting your product to market quicker!

What separates us from a traditional ODM is the addition of Densitron's own IP, which can be brought to the table for incorporation into your hardware, enhancing the final product. This, combined with your software, will allow you to stand out from your competition.

We offer the complete build for your product, from display to driver:

Embedded Housing

Display Driver Board

VGA/HDMI/DP Interface

Innovative display technology of choice

Front Bezel

Industry leading design for over 50 years...

The most responsive user experience dictates that the display and touch screen must be perfectly aligned to the computer behind it.

For over 50 years Densitron has been designing and supplying displays, touch screens and computers which are used across industries all over the world. Customers can choose from components or modules, off the shelf, or we can work alongside customer's engineers to build custom solutions.
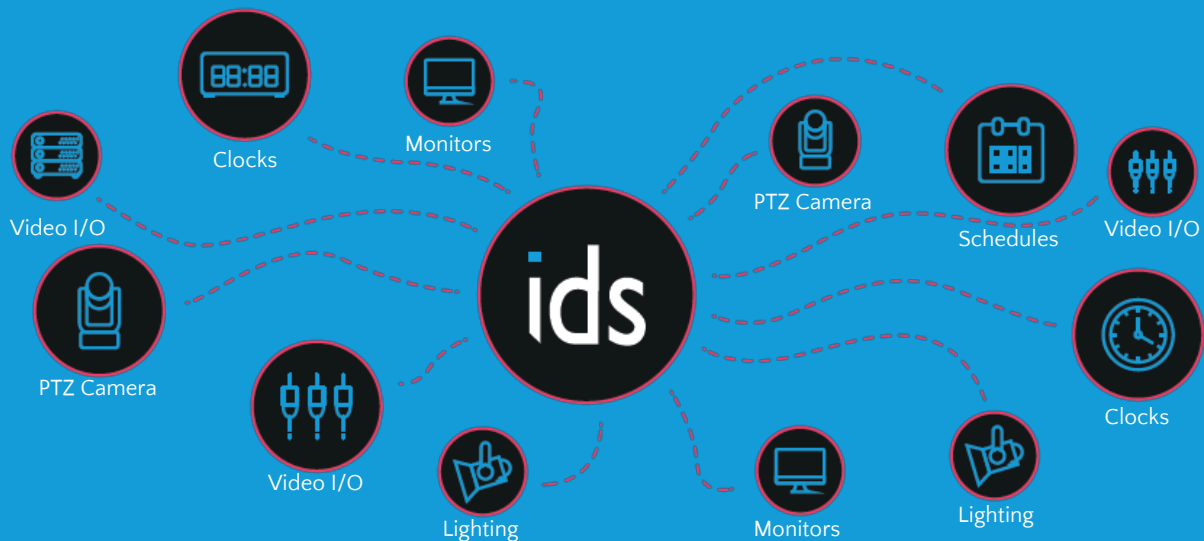
Densitron's 6.6" bar type display, in 1RU housing

ids

IDS is a control and content display system, which interfaces with equipment from any vendor. Our system allows you to control multiple connected devices through an elegant and intuitive user interface.

Our IDS software can be implemented and installed onto a wide range of Densitron finished hardware products. If your operation requires different requirements than the examples below, please get in touch with our technical team for further requests and customization opportunities.

Touchscreen 10.1"

ProDeck

Large Format Monitors

A global company with local presence

To find out more about any of our products and services, you can contact your local team at **contact@densitron.com**