DENSiTRON

TACTILA EVALUATION KIT

An innovative combination of a powerful ARM based computer and integral high resolution display providing a flexible graphical user interface paired with tactile rotary knobs.

Design your own fully functioning graphic user interface and combine it with innovative tactile faders and rotary knobs via the installed Aurora™ software ecosystem that utilizes industry standard Qt Creator.

The development kit comes with everything you need to create your proprietary control surface and test it the evaluation platform. All your designs can be transferred to other TFT-Touchscreens offering similar pixel-sizes.

The provided demo software provides three examples of typical UIs. It is possible to develop fully working control surfaces for any application such as audio mixing consoles, audio and video controllers, lighting consoles, building- and home automation controllers, machine controllers and additional applications.

Tactila©

HMI Tactile Evaluation Kit

SKU: DM-080GN-0KYR01

Densitron 8" development platform with embedded ARM computer, power adaptor, 3 rotary knobs, Starter Guide manual, and 3 out-of-the-box example demonstrations.

DISPLAY

Display size	8.00"
Resolution	1600 x 480

DIMENSIONS

Width	289.60mm
Height	87.00mm
Depth	44.00mm

HMI

HMI	Tactile Rotary
Touch Interface	PCAP

COMPUTING

Compatibility	Aurora

MOUNTING AND CONNECTIVITY

Interface	Ethernet
Mechanical Mounting	Rack Product

Tailor components to your exact requirements with the following customisation options:

- Cover Lens Customisation
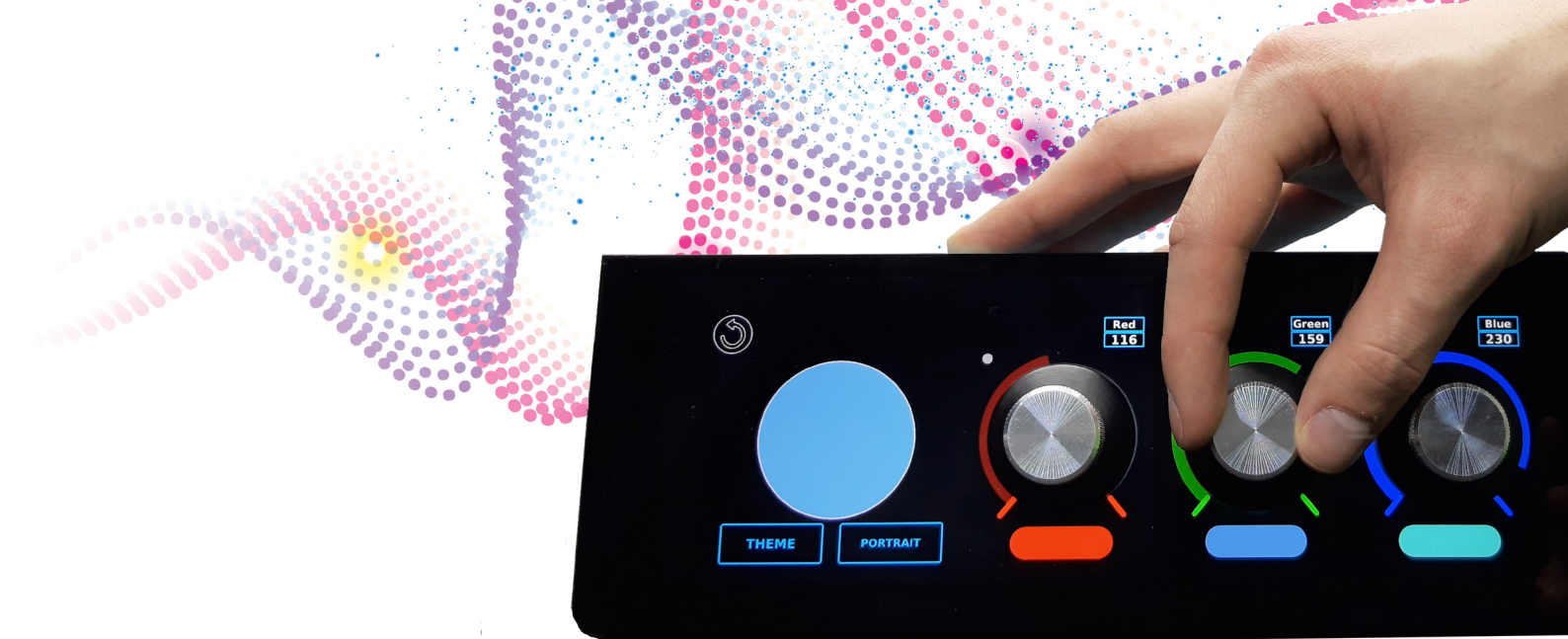- Haptic Touch Option
- Optical Bonding
- Embedded Solutions
- EMI & Noise Immunity

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COMPUTER BOARD

Processor	NXP I.MX6 Quad Core
Memory	2 GB DDR3-1600
Storage	Micro SD Card
Audio	Line-out (left/right channes) x 1, Mic-in x1
I/O (External)	x1 USB OTG & x2 User USB SD Cards 9boot x1, storage x1) Ethernet: 10/100/1000 Mbps x1. IEEE 802.3af 5V DC IN Jack

PANEL

Size	8" TFT LCD
Resolution	1600*480
Pixels per inch	208
Brightness	500 cd/m^2

TOUCH

Type	PCT
Knobs (Continuous Rotation)	x3
Fingers	Fingers Multiple touch >10

O/S

Embedded	Linux®BSP**

**For the latest available BSP version please enquire with your sales representative or visit www.densitron.com

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