



DENSITRON

UREADY 2RU ARM WITH TOUCHSCREEN

This universal touchscreen control surface is 2RU rack mountable, with an embedded ARM platform and Ethernet connectivity.

The display has 1920 x 285 pixels and an optically bonded capacitive touchscreen providing optimum optical quality. The display features wide-angle symmetric viewing making it easier to be used in many operational applications.

Densitron's modular design of HMI control surface is suitable for applications in Broadcast, Telecommunications, and other networked control and monitoring systems.

The embedded ARM platform is Densitron's Aurora SBX™ single board computer based on NXP i.MX6 utilising Quad core ARM® Cortex-A9 2GHz. The APU paired with onboard DDR3 RAM provides the performance to support contemporary multi-media requirements, and rich User Interfaces.

The embedded Aurora Software Ecosystem allows for rapid development of user's HMI applications.

UReady™



UREADY 2RU ARM CONTROL SURFACE

SKU: DS-163AP-01

Densitron 16.3" control surface with powered by ARM.

DISPLAY

Display size	16.3"
Resolution	1920 x 285
Viewing Angle	80/80/80/80

DIMENSIONS

Width	68.80mm
Height	87.60mm

HMI

HMI	Standard Touch
Touch Interface	USB

MOUNTING AND CONNECTIVITY

I/O	Ethernet
Mechanical Mounting	Closed Frame

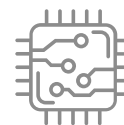
Available with the following customisation options:



Cover Lens Customisation



Optical Bonding



X86 Available



Tactile Technology



COMPUTING

Processor	NXP I.MX6 Quad core
Memory	2 GB DDR3-1600
Storage	Micro SD Card
Audio	Line-out(left/right channels) x 1, Mic-in x 1
Inputs	x1 USB OTG and x2 User USB
I/O External	Ethernet: 10/100/1000 Mbps x 1. IEEE 802.3af SD Cards (boot x1, storage x1) 12V DC IN Jack

PANEL

Size	16.3" TFT LCD
Pixels per inch	119
Brightness	800 cd/m ²
Contrast Ratio	1000
LED Backlight	50,000 Hours
Power	1 x 12V DC input
Operating Temperature	0°C to +50°C

TOUCH

Type	PCT
Fingers	Fingers Multiple touch > 5

OPERATING SYSTEM

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