



UReady™ 2RU Control Surface, Ethernet Connectivity, ARM Platform - Half Rack

The latest Control Surface joining Densitron's UReady range is a complete all in one solution 2RU half rack, with an embedded ARM platform.

At the front of the control surface is a high performance 8" TFT display with a resolution of 1600 x 480 that delivers consistent clarity from any perspective.

With a brightness of 500 Candelas and a wide temperature range the surface is suitable for both indoor and outdoor applications, and can be used across a variety of industries such as Broadcast, Telecommunications, and other networked control and monitoring systems.

Included with each control surface is Densitron's own ARM platform. The APU paired with onboard DDR3 RAM provides the performance to support contemporary multi-media requirements, and rich User Interfaces.

This simple all in one solution provides everything you need to get your eye catching content up and running quickly and easily.

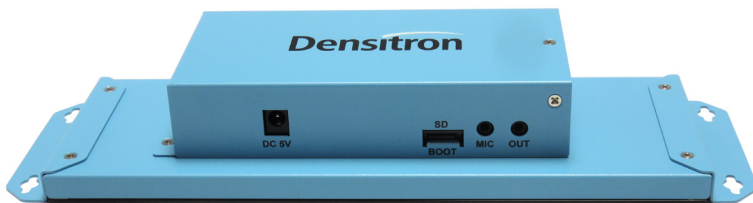
Product Features

- Packaged into a single metal chassis
- Ethernet LAN up to 1Gbps
- Single 5V power supply
- NXP i.MX6 Quad core APU - 4x ARM® Cortex®-A9 up to 1.0 GHz with 2GB RAM
- uSD card Embedded Linux BSP (Aurora ASE)
- Display resolution of 1600 x 480 pixels with 24-bit colour depth of 16.4M colours
- 500cd/m² peak luminance and adjustable backlight
- Utilising MVA technology which offers 89/89/89/89 symmetric viewing
- These TFT modules are designed to operate continuously with backlight half-life of 50k hours and a temperature range of 0°C to +50°C
- UReady family offers optically bonded Projected Capacitive Touch (PCT) as standard
- "Out-of-the-box" development environment in virtual machine with Qt library Open Source (ASE), allowing cross compiling for faster development (supplied on 32GB USB dongle)
- Browser application (Firefox or Chromium) for rapid deployment of existing UIs and server-side functionality



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Component	Function	Value	
Computer Board	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	
	I/O (External)		x1 USB OTG and x2 User USB
			SD Cards (boot x1, storage x1)
			Ethernet: 10/100/1000 Mbps x 1. IEEE 802.3af
Panel	Size	8" TFT LCD	
	Resolution	1600*480	
	Pixels per inch	208	
	Brightness	500 cd/m ²	
Touch	Type	PCT	
	Fingers	Multiple touch >10	
O/S	Embedded	Linux® BSP**	



**UReady™ 2RU Control Surface,
Ethernet Connectivity,
ARM Platform - Half Rack**



Size	Part Number	Description
8"	DM-080GN-OPYR01	8" Control Surface with ARM

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

Can't find what you're looking for?

We offer a range of innovative customisation options allowing us to tailor any of our displays to match your exact requirements.



Contact your local sales office at www.densitron.com

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Preliminary specifications; subject to change without notice