



**IN STOCK**

SKU#: GEN4-ULCD-43DCT-AR

Includes

1 x GEN4-ULCD-43DCT  
1 x GEN4-IB  
1 x 30-way 150mm FFC Cable  
1 x 5 Pin Ribbon Cable  
1 x 4D-ARDUINO-ADAPTOR-SHIELD-II

Qty

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ADD TO CART

## GEN4-ULCD-43DCT-AR

- 4.3", 480x272 pixel, slim Intelligent Display Module with embedded DIABLO16 processor and Capacitive Touch Panel.
- Suitable for fast and easy integration of a full colour HMI into any application or product being developed with the Arduino.
- Includes Arduino Adaptor Shield II for easy hardware interface to an Arduino.
- Starter Kits available for first time users.
- See product description below for more details
- 3D Printable Enclosures available for Wall / Panel / Enclosure mounting. Check the download link in the downloads section.

Overview

Features

What's in the Box

Software

## 4.3" gen4 Series Intelligent Display Module with DIABLO16 Graphics Controller with Hardware Interface for Arduino

The gen4 4.3" Diablo16 Integrated Display Modules are part of the latest gen4 series of modules Designed and Manufactured by 4D Systems.

This hardware bundle includes the **4D Arduino Adaptor Shield II** which allows fast and easy hardware interface to any Arduino board with the standard Arduino Headers and allows you to quickly and easily add a full colour HMI to your Arduino project.

The gen4 series was designed specifically for ease of integration and use, with careful consideration for space requirements and functionality.

These specific gen4 modules feature a 4.3" colour TFT LCD display, and come with options for Cover Lens Bezel (CLB) and resistive touch. They are powered by the well-known 4D Systems Diablo16 Graphics Processor, which

offers an array of functionality and options for any Designer / Integrator / User.

The 4.3" Diablo16 Integrated Display Module features a TFT LCD Display, is capable of Touch Detection, microSD memory Storage, GPIO and Communications, along with multiple millisecond resolution timers, and Audio Generation.

The gen4 Series is 100% compatible with the **Workshop4 IDE** and its 4 different development environments, providing the User with a wealth of options for programming and controlling their system.

The gen4 series of Integrated Display Modules features a 30 pin ZIF socket, designed for a 30 pin FPC cable, for easy and simple connection to an application or mother board, or for connecting to accessory boards for a range of functionality advancements.

The gen4 series of modules has been designed to minimise the impact of display related circuitry, and provide a platform suitable for integration into a product. Application boards can sit flush on the back of the gen4 if required, as the display related electronics sit inside the plastic mounting base, leaving the application board surface clear for User circuitry.

Models in this size:

- **gen4-uLCD-43D-AR** (non Touch, without Cover Lens Bezel)
- **gen4-uLCD-43DT-AR** (Resistive Touch, without Cover Lens Bezel)
- **gen4-uLCD-43D-CLB-AR** (non Touch, Cover Lens Bezel)
- **gen4-uLCD-43DCT** (capacitive Touch)
- **gen4-uLCD-43DCT-CLB-AR** (capacitive Touch, Cover Lens Bezel)
- **gen4-uLCD-43D-SB-AR** (non Touch, without Cover Lens Bezel, Super Bright)
- **gen4-uLCD-43DT-SB-AR** (Resistive Touch, without Cover Lens Bezel, Super Bright)
- **gen4-uLCD-43D-CLB-SB-AR** (non Touch, without Cover Lens Bezel, Super Bright)
- **gen4-uLCD-43DCT-SB** (capacitive touch, Super Bright)
- **gen4-uLCD-43DCT-CLB-SB-AR** (capacitive touch, Cover Lens Bezel, Super Bright)

#### Related Products

Check items to add to the cart or [select all](#)



#### 4D SYSTEMS

4D Intelligent Displays  
Display Modules for Arduino  
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