

C4 EXTENDED

The C4 Extended controller provides a user-friendly programming experience with full functionality on any device (phone, tablet or computer). Easily control individual pixels in complex lighting products. With a simple menu and wireless configuration, the 24V C4 Extended controller can be programmed with 8 bit or 16 bit dimming. Quickly create seamless loops, color scrolls and fade effects. Compatible with DMX, SPI (Serial Peripheral Interface), 0-10V and Art-Net.

- Choose from 2, 4, 8 or 12 universes
- Control up to 6,144 channels
- Program individual pixels
- Choose 8 bit or 16 bit dimming
- Daisy chain controllers for larger projects
- Supports 60 SPI protocols
- Built-in triggers and interfaces for automated applications
- Adjust brightness, saturation, speed and hue
- Lifetime software license automatically updates features
- Licenses can be easily upgraded/expanded online
- IP10 for indoor use
- Rail mount or wall mount with screws
- 5-year warranty



RoHS

UK
CA

ORDERING GUIDE

Category	Channel Option	
CTRLPIXEL		
CTRLPIXEL - C4 Extended Controller	2 - 2 universes (2 x 512 channels)	8 - 8 universes (8 x 512 channels)
	4 - 4 universes (4 x 512 channels)	12 - 12 universes (12 x 512 channels)

Accessories

DigiDot Din-rail mounting clip
Part #: DIGIDRMC

DigiDot RJ45 DMX Adapter
Part #: DIGIRJ45DMXADP

DigiDot USB Power Cable (included accessory)
Part #: DIGICBLUSB

DigiDot TRRS Trigger Cable
Part #: DIGICBLTRRS

DigiDot RJ45 Network Cable (included accessory)
Part #: DIGICBLRJ45

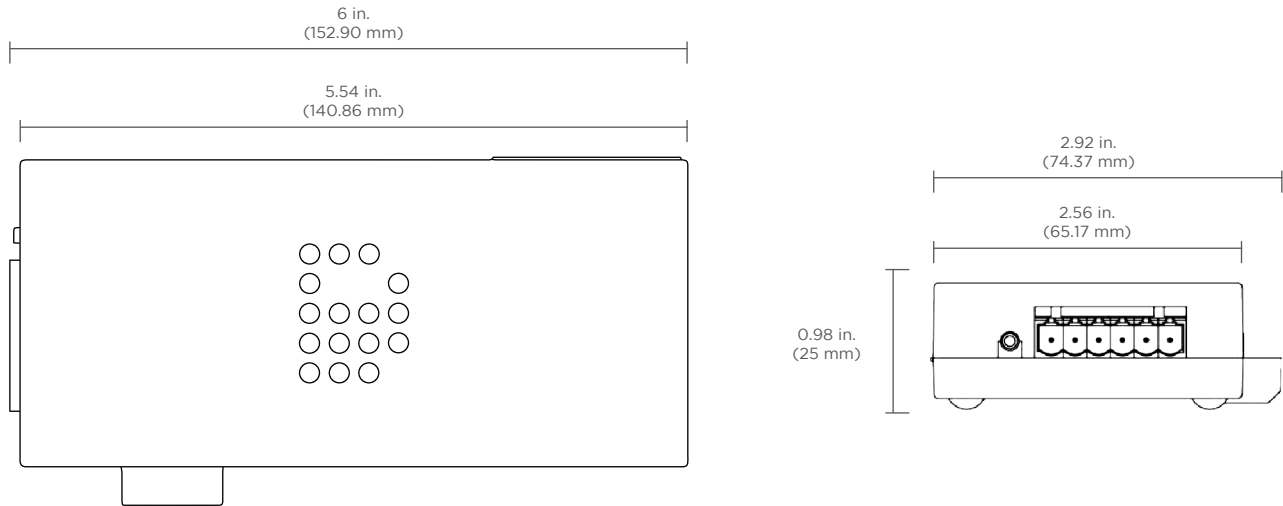
DigiDot 8GB microSD card (included accessory)
Part #: DIGISD

SPECIFICATIONS

Input Power	5-24 VDC
Power Consumption	5W
Output Protocol	Art-Net, DMX, SPI(TTL), sACN
Control	Art-Net, 0-10V, DMX, Push Dim, WiFi
Channel Options	2 x 512 (1024 ch) 4 x 512 (2048 ch) 8 x 512 (4096 ch) 12 x 512 (6144 ch)
Number of Channels	Up to 6,144 ArtNet channels (12 universes)
Dimming Range	8 bit/16 bit
Environment	Indoor use
Operating Temperature	32 — 122 °F (0 — 50 °C)
Standards	ETL, CE, RoHS, UKCA
Dimensions (L x W x D)	6.02 x 2.91 x 1.1 in. (153 x 74 x 28 mm)
Weight	0.30 lb (140 g)
Warranty	5 years

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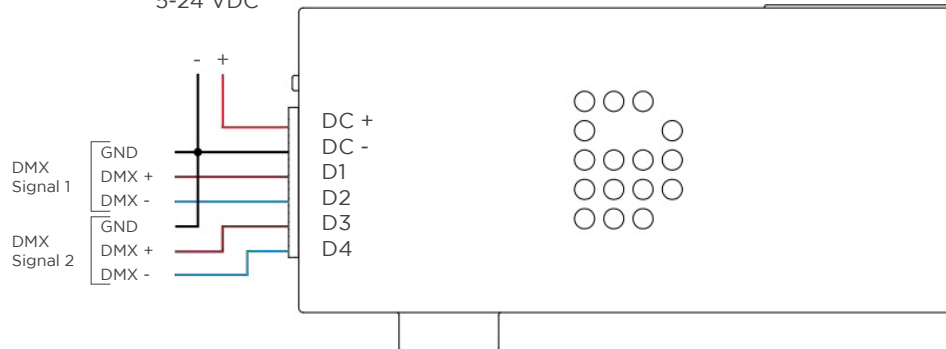
DIMENSIONS



WIRING DIAGRAMS

DMX in/out

Input voltage from external driver
5-24 VDC



SPI

Input voltage from external driver
5-24 VDC

