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 1, 2, 4 or 8 universes
- Control up to 4,096 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

ORDERING GUIDE

Category	Channel Option		
CTRLPIXEL			
CTRLPIXEL - C4 Extended Controller	**1** - 1 universes (1 x 512 channels)		**4** - 4 universes (4 x 512 channels)
	2 - 2 universes (2 x 512 channels)		**8** - 8 universes (8 x 512 channels)

Accessories

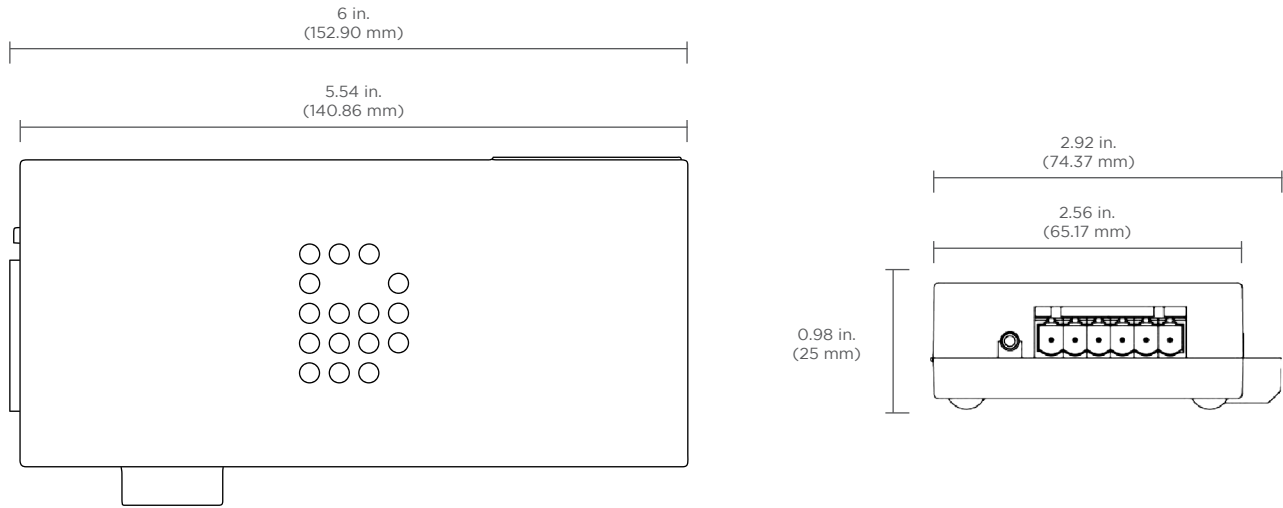|		
DigiDot Din-rail mounting clip Part #: DIGIDRMC	DigiDot RJ45 DMX Adapter Part #: DIGIRJ45DMXADP	DigiDot USB Power Cable (included accessory) Part #: DIGICBLUSB
DigiDot TRRS Trigger Cable Part #: DIGICBLTRRS	DigiDot RJ45 Network Cable (included accessory) Part #: DIGICBLRJ45	DigiDot 8GB microSD card (included accessory) Part #: DIGISD

SPECIFICATIONS

Input Power	5-24V DC
Power Consumption	5W
Output Protocol	Art-Net, DMX, SPI(TTL), SaCN
Control	Art-Net, 0-10V, DMX, Push Dim, WiFi
Channel Options	1 x 512 ch 2 x 512 (1024 ch) 4 x 512 (2048 ch) 8 x 512 (4096 ch)
Number of Channels	Up to 4096 ArtNet channels or 1024 DMX channels
Dimming Range	8 bit/16 bit
Environment	Indoor use
Operating Temperature	32° - 122° F (0° - 50° C)
Standards	ETL, CE, RoHS
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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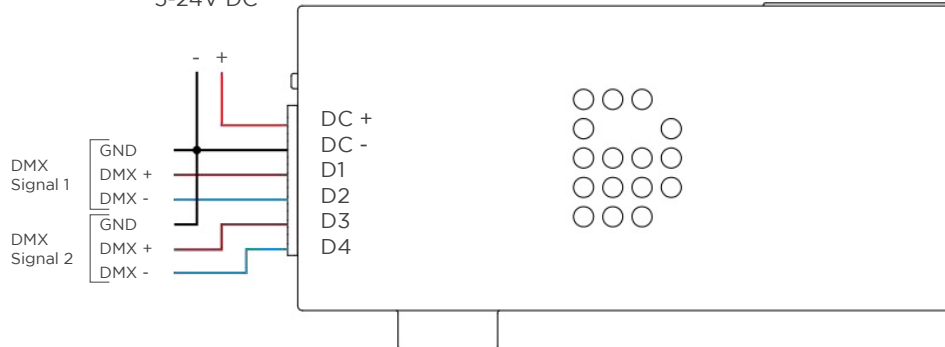
DIMENSIONS

6 in.
(152.90 mm)

5.54 in.
(140.86 mm)

2.92 in.
(74.37 mm)

2.56 in.
(65.17 mm)

0.98 in.
(25 mm)

WIRING DIAGRAMS

DMX in/out

Input voltage from external driver
5-24V DC

- +

DMX
Signal 1

GND
DMX +
DMX -

DMX
Signal 2

GND
DMX +
DMX -

DC +
DC -
D1
D2
D3
D4

SPI

Input voltage from external driver
5-24V DC

- +

SPI Data 1
GND 1
SPI Data 2
GND 2
SPI Data 3
GND 3
SPO Data 4
GND 4

DC +
DC -
D1
D2
D3
D4