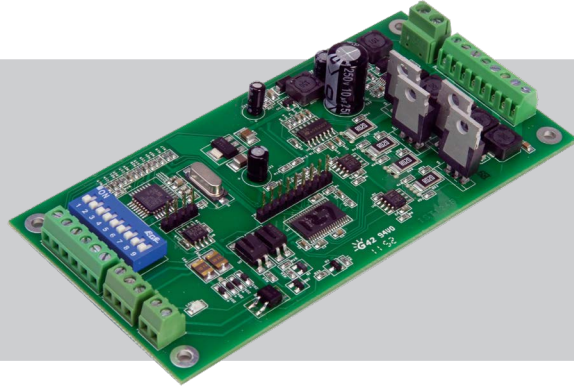




CENTRALISE • OPTIMISE • ECONOMISE

# Quattro CV

- Wide DC voltage input range: 10.5-24V
- 4 high resolution channels
- DALI, DMX/RDM protocols
- Up to 5A per channel
- Compact PCB or chassis mounted
- Channel bonding capable (up to 10A)
- Compact PCB or chassis mounted



## Product Overview

### Quattro Series

The iDrive® Quattro is a highly integrated, compact Constant Voltage 4-channel driver for high power lighting applications.

The Quattro-CV offers a multitude of network control protocols including DALI, DMX/RDM and incorporates iDrive®'s advanced dynamic power control™ system to deliver up to 98% efficient LED output stages.

Incorporating four independent LED constant voltage outputs, the iDrive® Quattro caters to the needs of numerous SSL applications, including retail, architectural, commercial and signage.

### Quattro-CV

The Quattro CV is the ideal choice for controlling 4 independent channels between 0-5A per channel. Operating with a wide input supply voltage range of 10.5-24V DC, each channel can control 12V or 24V constant voltage LED strips on each output. Utilising high current input & output screw-terminal connectors enables the Quattro CV to be easily integrated into lighting systems. The Quattro series allows daisy-chaining of SSL fixtures and can broadcast running show sequences to all connected Quattro CV units.

\* Suitable for resistive loads and certain non-resistive loads in low frequency modes.

IST Part No.	
IDQCV-1024-4-PCB	PCB only version
IDQCV-1024-4-CH1	With galvanised steel chassis

## Electrical Specifications

### Options

- Bare PCB for OEM's
- Metal chassis protected

### Input

- Input Voltage Range: 10.5 - 24V DC only
- Connection: 2-pole, 5mm pitch screw terminals

### Output Options

- Output power: 0-100W per channel maximum
- Output Current: 0.1 to 5A per channel
- Output Voltage: 10.5 - 24V DC only
- LED Connection: 8pin terminal connector
- Current Resolution: 8-bit, 16-bit
- Channel Bonding: Common anode bonding compatible

### Control Input

- Dimming Control: DMX-512A, RDM, DALI
- Connection: DALI(2pin,3.5mm pitch screw terminal)
- DMX/RDM(3pin,3.5mm pitch screw terminal)
- 1-10V(2pin,3.5mm pitch screw terminal)
- DMX range: 001-512 via DIP switch
- Programmes: See user manual for all presets
- RDM: Full control over functions and sensors

### Protection

- Short Circuit, Reverse Polarity, Over Temperature, Over Voltage, Over Current
- Mechanical
- Mounting: 4 x 4mm holes for mounting

### Environmental

- Operating Ambient Temperature: -10°C to +40°C
- Storage Ambient Temperature: -20°C to +70°C
- Temperature sensors: PCB and Microprocessor

### Dimensions Weight

- 127 x 63.5 x 25mm (max.) 200g



1-400W DALI, DMX, RDM, DC/DC LED DRIVER  
DMX, RDM & DALI compatible



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