DOMUS®

Dimmable | Replacement Warranty 3yr | VDC 12/24 | IP Rating 20 | DMX 512 | Channels 4 | RGBWW | RoHS

CHAM-20
RGBW DMX-512 interface

Description

The CHAMELEON-20 is an interface designed to de code DMX-512 signals. Designed for use with constant voltage 12-24VDC lighting products the CHAMELEON-20 offers seamless integration between automation systems and/or lighting desk consoles and luminaires. Accepts standard DMX-512 signal generated from any automation system or lighting control console. Featuring up to 4CH of dimming, allowing control over RGB, RGBW or single colour LED lighting products.

Specification Features

Type of interface:	RGBW 4ch controller
Method of control:	DMX-512*
Method of dimming:	PWM (Pulse width modulation)
Housing colour:	Black plastic colour housing
Housing size (mm):	(L) 168 x (W) 58mm x (H) 28mm
Digital display:	Yes
Input voltage (VDC):	12-24VDC
Output voltage (VDC):	12-24VDC
Output current (A):	4 x 8A
Output wattage (W):	12VDC- 96W per channel.(x4)
	24VDC- 192W per channel. (x4)
Multi-channel operation:	Yes**
Expandable signal:	Yes***
Requires:	Constant voltage 12-24VDC LED driver ****

*   Accepts signal generated from automation systems via a DMX-512 gateway or lighting control console.
**   3-4CH selectable depending on use. RGB (3CH) or RGBW (4CH).
***   4CH data repeater recommended for loads that exceed the CHAMELEON-20 limits. CHAM-05 (20114) not included.
****   Constant voltage LED driver required (not included) product dependant.

Order Code:	20129
Product Code:	CHAM-20
Description:	4CH DMX-512 interface

Diagrams / Additional

168mm

56mm

28mm