

# visDIM DMX Sub-controller

## Specification sheet

# KKDC

9-24V  
DC

IP20

N30161  
Z1454E-3  
E474410

CE

<b>ORDER CODE</b>	KKSC-03AU (Terminal type)
	KKSC-03BU (RJ45 type)
	KKSC-03A (Non UL version, Terminal type)
	KKSC-03B (Non UL version, RJ45 type)

### PRODUCT SPECIFICATION

<b>Dimension</b>	H34/W64/L164mm (H1.34/W2.52/L6.46in)
<b>Weight</b>	Terminal type: 155g (0.34lbs), RJ45 type: 160g (0.35lbs)
<b>Operating Temp</b>	$T_a = -10$ to $60^\circ\text{C}$ ( $T_c$ max = $80^\circ\text{C}$ ) $T_a = 14$ to $140^\circ\text{F}$ ( $T_c$ max = $176^\circ\text{F}$ )
<b>Storage Temp</b>	$T_a = -20^\circ\text{C}$ to $70^\circ\text{C}$ ( $-4^\circ\text{F}$ to $158^\circ\text{F}$ )
<b>IP Rating</b>	IP20
<b>Finish</b>	Plastic cover (Black)
<b>Mounting</b>	Surface mount via screws
<b>Cable &amp; Connectors</b>	Input Terminal type – accepts 26AWG - 12AWG Control Terminal type – accepts 26AWG - 18AWG RJ45 type – accepts RJ45 plug/lead Output Terminal type – accepts 26AWG - 12AWG
<b>Control</b>	DMX512 system or stand alone function (RGB sequence, fixed colour and white control)



### ELECTRICAL DATA

<b>Input Voltage</b>	9-24V DC
<b>Output Voltage</b>	as input voltage
<b>Output Current</b>	4A max. total output @ 24V , 8A max. total output @ 9-12V (3 X 5A max. @ 9-24V for Non UL version)
<b>Output Wattage</b>	96W max. total output @ 12-24V, 72W max. total output @ 9V (3 X 120W @24v, 3 x 60W @ 12V, 3 x 45W @ 9V max. for Non UL version)
<b>PWM Frequency</b>	1.1-1.2KHz

### TERMINAL TYPE PORT DESCRIPTION

<b>DC IN +, DC IN-</b>	From PSU: 9V, 12V or 24V DC to suit LED
<b>DMX IN +/-S</b>	DMX512 control input (S=shield)
<b>DMX Out +/-S</b>	DMX512 control output (S=shield)
<b>COM+</b>	Common +ve output for 3 channels (RGB)
<b>R-(CH1-), G-(CH2-), B-(CH3-)</b>	-ve output for 3 channels (RGB)

### RJ45 TYPE PIN DESCRIPTION

Pin 1	White/Green	DMX -
Pin 2	Green	DMX +
Pin 3	White/Orange	Shield
Pin 4	Blue	+ (supplied Voltage for DMX control gear), DMX IN only
Pin 5	White/Blue	+ (supplied Voltage for DMX control gear), DMX IN only
Pin 6	Orange	N/C
Pin 7	White/Brown	- (supplied Voltage for DMX control gear)
Pin 8	Brown	- (supplied Voltage for DMX control gear)

### SAFETY & EMC

<b>EMC Emission</b>	EN 55015, EN 61547
<b>EMC Immunity</b>	EN 61000-4-2, 3, 4, 6
<b>UL Safety</b>	UL8750
<b>CSA Safety</b>	CSA C22.2 No. 250.13

