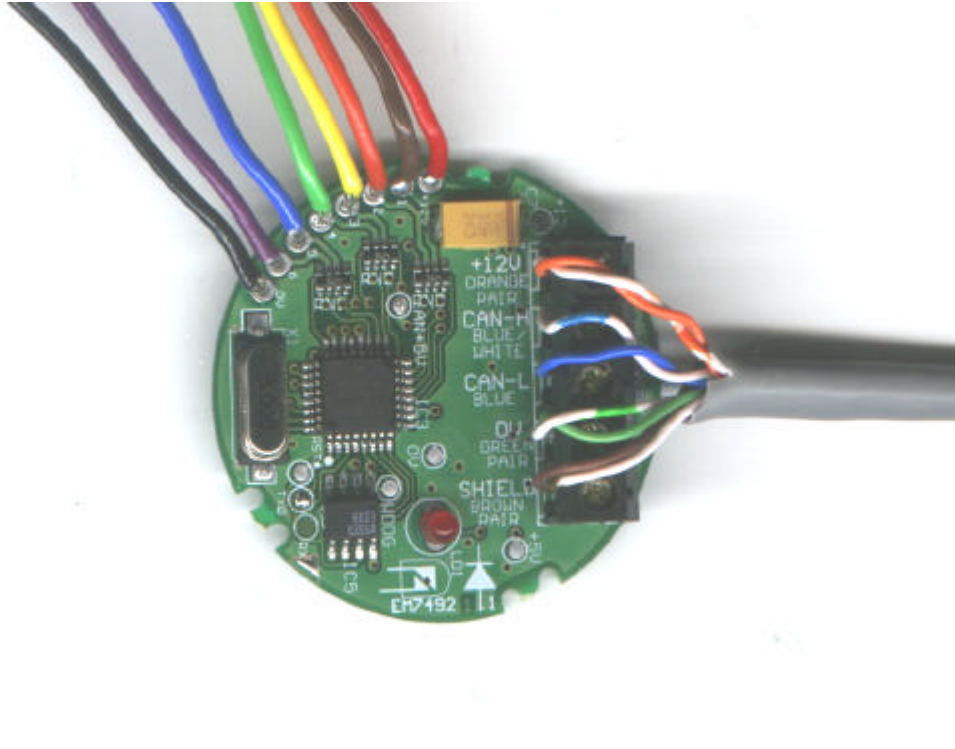


Mini UIG



Introduction

The Mini UIG (Universal Interface) has 6 inputs which can be individually configured as analogue inputs, digital inputs or photoelectric cell inputs.

Press and Release actions can be defined individually for each of the inputs through software. This allows custom controls to be added to the iLight system.

Installation

The unit should be installed in a dry location, where ambient temperature and humidity are within the operating limits of the unit.

Warning

Since this device is classed as SELV, segregation in accordance with local wiring regulations must be maintained.

Connections

Network Connections

iCAN network connections are made via the screw terminal block. The block has a 1.5mm² cable capacity and is labelled as follows:

12V	(Orange Pair)
CAN-H	(Blue/White)
CAN-L	(Blue)
0V	(Green Pair)
Shield	(Brown Pair)

Inputs

Input connections are made via the 8 coloured wires as follows:

Black	0V
Red	+12Vdc, 50mA max.
Brown	Input 1
Orange	Input 2
Yellow	Input 3
Green	Input 4
Blue	Input 5
Violet	Input 6

Specifications

Analogue Mode Input

Supply	+12Vdc (50mA)
Input Range	0V to +10Vdc
Input Impedance	100Kohms
Resolution	8 bit (0-255)

Digital Mode Input

Volt free contacts using a 47Kohms pull-up resistor to +5V

PE Cell Mode Input

(Variable Resistor to 0V)
Resolution 8 bit (0-255)
Midpoint achieved with 94Kohms load

Environmental Data

Temperature Range	0 to 50°C
Humidity	90% non condensing (BS 2011-2.1Cb: 1990)
Pollution Category	3