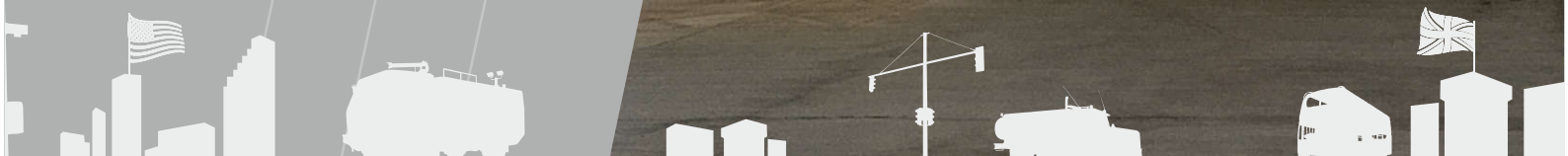




iConnex

*Intelligent Control
& Switching Systems*

*Designed and
manufactured in the UK
by Intellitec MV Ltd*



Key Features

- Operating System 12V/24V
- Input voltage range 9V-32V
- Customer programmable via Intellitec's unique GUI software.
- 10 x FET outputs (9 x 8A High and 1 x 1A Low)
- 2 x Relay outputs (30A)
- 6 x Hardwired inputs programmable High or Low (Digital)
- 2 x Battery voltage sense inputs (Chassis & Auxiliary)
- 1 x Temperature sense input
- 2 x CAN Inputs (For vehicle & switch pad interface)
- Diagnostic / Module status LEDs
- Downloadable GUI software
- Bluetooth App (SMART version only)
- Expandable I/O capability via additional slave modules
- Lightweight and compact 135x165x35mm (3g)

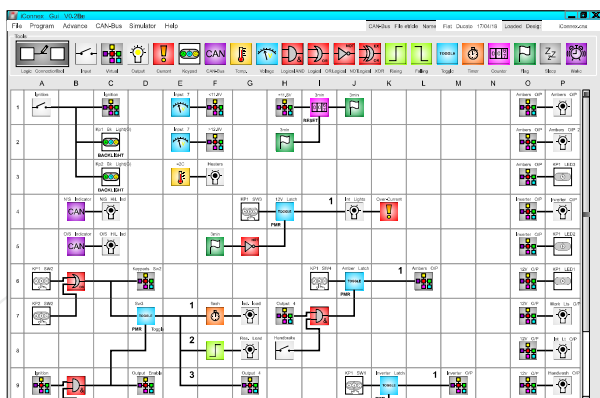
iConnex Pro & Smart



Key Features

- Operating System 12V/24V
- Input voltage range 9V-32V
- Fully programmable ex-works to customer specification
- 12 x FET outputs (2A)
- 6 x Digital LOW inputs
- 2 x CAN Inputs (For vehicle & switch pad interface)
- Lightweight and compact 135x165x35mm (3g)

iConnex X-Lite



Intellitec's unique iConnex PRO and SMART userfriendly GUI software is available as a free of charge download and allows the customer the freedom to customise many in-built features such as:

- Voltage logic (low voltage shut-down individual to each output)
- Timers (On/Off delays, flashers etc)
- Interlocks
- Temperature (set functions based on current temp values)
- Event and Time logs
- Momentary or latching inputs and outputs (set up to 5 toggles)
- Multipoint switching
- Programmable RGB LEDs
- Sleep mode



Technical Specifications for Pro & Smart

Module Supply Voltage Range	9-32V
Digital Inputs	6
Analog Inputs	2
Outputs	10x FET & 2x Dry Contact Relay (NO/NC)
Positive FET Output Current Max (Self Protected)	8A
Negative FET Output Current Max (Self Protected)	1A
Relay Contacts Current Max	30A
Supply Fuse Rating Max (10mm Cable)	70A
Input Voltage Range	0-32V
CAN-Bus Baud Rates	50 Kbps 83.3 Kbps 100 Kbps 125 Kbps 250 Kbps 500 Kbps
Standby Current Consumption	84mA
Sleep Mode Current Consumption	21mA
Connector Type	Molex Mini-Fit Jr. Series
Weight	367g
Dimensions L x W x H	135 x 165 x 49 (mm)
Module Expansion	I/O expansion possible by adding slave modules
Keypad Expansion	Multiple keypads of any iConnex type can be used

Various switch pad types available (see switch pad datasheets)



Intellitec MV Ltd
 Unit 9 Woodway Court
 Thursby Road
 Bromborough
 Wirral CH62 3PR

Tel: 0151 482 8970

www.intellitecmv.com

Email: sales@intellitecmv.com

