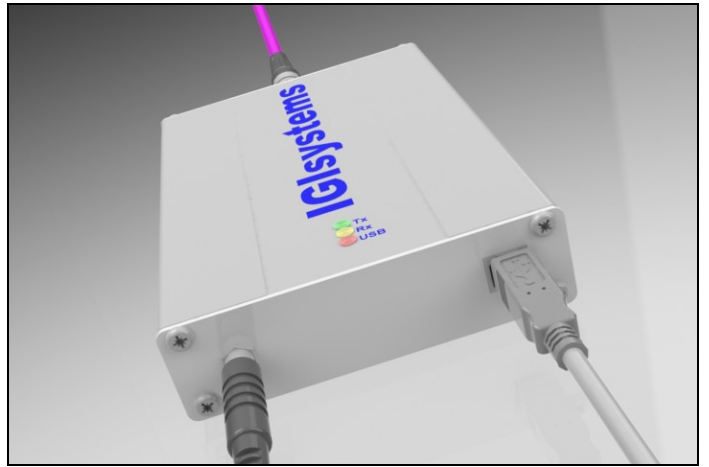
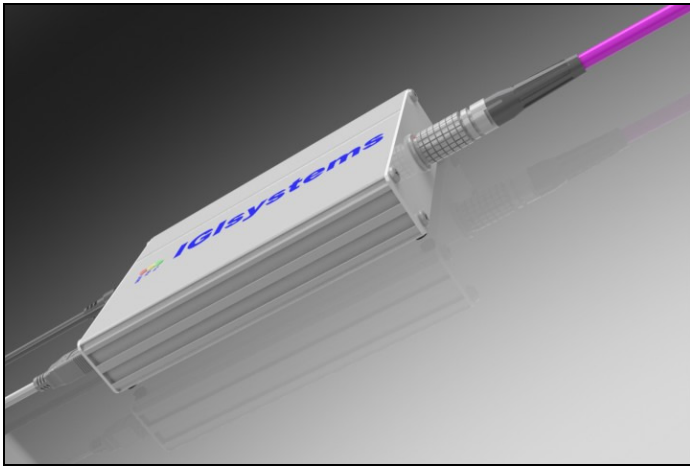


IGI Systems dIGIbox Combined USB-RS485 Communication and Power Supply for Brooks Instrument Digital Mass Flow Devices

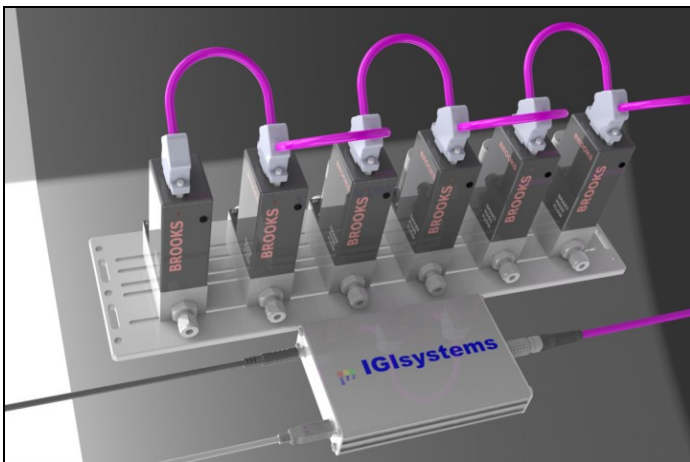
The dIGIbox and an IGI multi-drop cable is supplied as a kit. It is the complete, cost-effective out-of-the-box solution to get your Brooks Instrument digital mass flow devices up and running in minutes. We have over 6 years experience providing USB-RS485 communication solutions for Brooks Instrument devices with many of our interfaces working 24-7 throughout the UK and Europe. As standard the dIGIbox + standard multi-drop cable will drive 4 or 8 flow devices with an initial set-up time of around 5 minutes.

Simply install the USB driver, connect the cables to dIGIbox and to the flow devices and that's it... working flow devices.



The dIGIbox kit includes:

- dIGIbox USB-RS485 Interface Unit
- External power supply (24V DC)
- 4 or 8 drop standard (3m to first drop; 0.5m per drop) cable
- USB cable (type A; type B)



Specifications:

CE Mark: YES

Physical:

Dimensions (HxWxD): 29.5 x 108.5 x 163.0 mm

Weight: 380g

Electrical (External Power Supply):

AC Input: 90–264 V; 47–63 Hz

Full Load Current: 1.5A at 100V AC

24V DC Output: max 3.75A

Dimensions (HxWxD): 30 x 58 x 133 mm

Weight: 290g

Environmental:

Operating Temperature: 0-40 °C

Relative Humidity: 95% max, non-condensing

LED Indicators:

Red: USB 5V DC Power Present

Yellow: RS485 Rx

Green: RS485 Tx

dIGIbox Connections:

To MFC Cable: LEMO 2B

To PC: USB Type B

To Power Supply: 2.54mm Barrel Socket

Multi-Drop Cable: DeviceNet Thin High-Flexibility (violet polyurethane outer sheath)

EC Declaration of Conformity

We **IGI Systems Ltd**
of **23, Grange Road, West Cowick, East Riding of Yorkshire, DN14 9EL, UK**

in accordance with the following Directives:

2006/95/EC The Low Voltage Directive
2004/108/EC The Electromagnetic Compatibility Directive

hereby declare that:

Equipment **dIGIbox**

is in conformity with the applicable requirements of the following documents:

| | |
|---|--|
| EN 60905-1: 2001 1 st Edition | Safety of Information Technology Equipment |
| EN 55022: 1998, A1(2000), A2(2003) | Emission Standard, Information Technology Equipment |
| EN 55024: 1998, A1(2000), A2(2003) | Immunity Standard, Domestic, Commercial and Light Industrial Equipment |
| EN 61000-3-2: 2006 | EMC Limits for Harmonic Current Emissions |
| EN 61000-3-3: 1995, A1(2001), A2(2005) | Limitation of Voltage Fluctuations & Flicker |
| EN 55011: 1998, A1(1999), A2(2001), Group 1, Class B | Conducted Emissions |
| EN 61000-4-3: 2006 | Radiated Immunity |
| EN 61000-4-6: 1996, A1(2001) | Conducted RF Immunity |

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directives.

Signed:



Name: Dr. Trevor Ingham
Position: Director
West Cowick 1st January 2011

Document Reference: dIGIbox/CE/Declaration/Rev1