

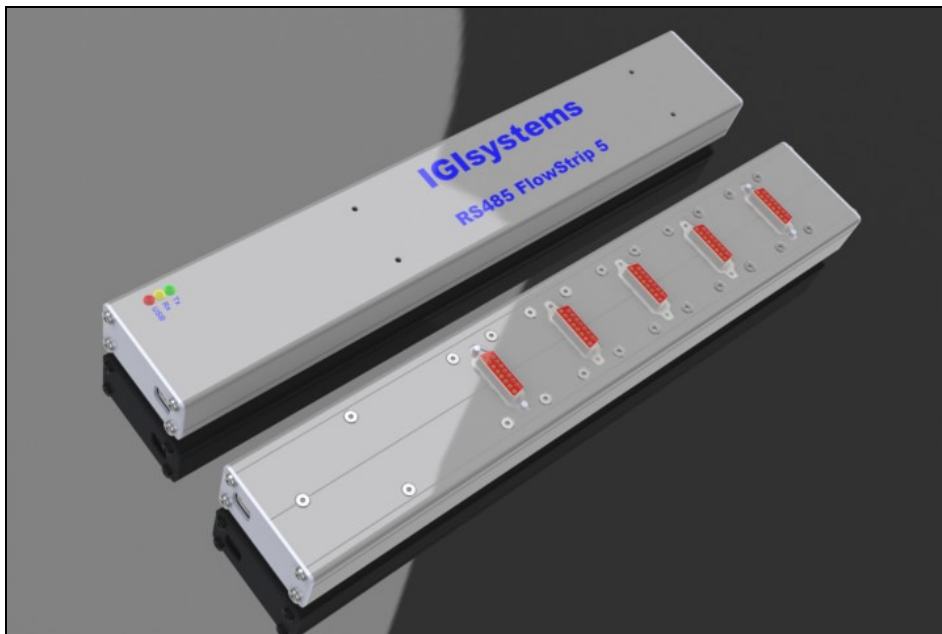
IGI Systems FlowStrip 5 Combined USB-RS485 Communication and Power Supply for Brooks Instrument Digital Mass Flow Devices

Available January 2011

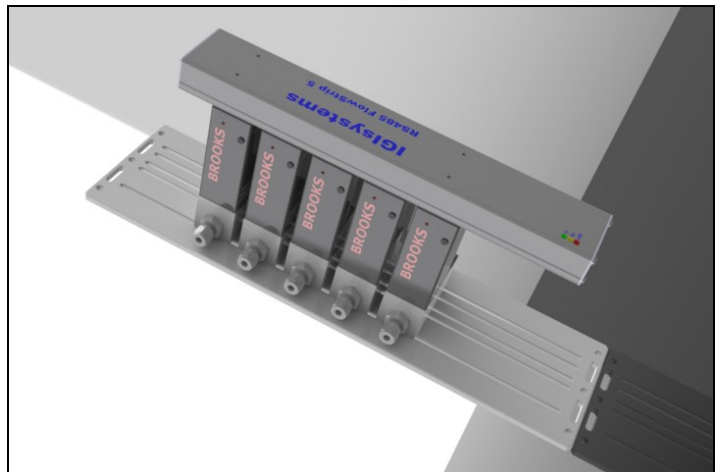
FlowStrip 5 is a new concept in compact and convenient “Cable-Free” interfacing hardware for Brooks Instrument digital mass flow device series S, SLA and 4800 which have their native D15 connector mounted on their top surface.

The Flowstrip 5 provides power and USB-RS485 communication to 5 digital flow devices of type 5850, 5851, 5860, 5861. It is aimed at flow solutions where Brooks Instrument devices of the same device type and the same form-factor are employed.

Simply pre-align and mount the flow device on the IGI Mounting Plate and press the FlowStrip 5 into position. Secure to the flow devices via the captive screws in the two end D15 connectors in the FlowStrip 5.



The FlowStrip 5 is an out-of-the-box solution, and comes complete with IGI Mounting Plate, 24V DC external power supply and USB cable. Interface and use your Brooks Instrument digital flow devices in minutes.



Specifications:

CE Mark: YES

Physical:

Dimensions (HxWxD): 31.0 x 60.0 x 353.0 mm

Weight: 650g

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

CE Mark: YES

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

Blue: 24V DC Power Present

FlowStrip Connections:

To PC: USB Type B

To Power Supply: 2.54mm Barrel Socket

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 **FlowStrip**

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

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: FlowStrip/CE/Declaration/Rev1