DATASHEET
Factbird® DUO

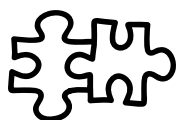## COLLECT DATA WITH PLUG-AND-PLAY EASE

Factbird® DUO is and IoT data collection device that is designed to provide you with reliable data, automatically from any two sensors of your choice. It works with any digital or analog sensors on the market and is design to withstand any production environment.

Access your data from anywhere at any time, and start making data-driven decisions.

How it works

Factbird® DUO collects data from sensors such as production units, material temperature, and more. This data is securely transmitted directly to the Factbird cloud server via Wi-Fi or mobile network and visualized in real time on a secure web-based user interface accessible from your smartphone, tablet, or PC.

Key features

Non-intrusive solution

An end-to-end solution that is retrofitted to seamlessly integrate with existing infrastructure.

Effortless Installation

Installation can be done in under 1 hour, while production continues uninterrupted.

Secure data

Advanced encryption and secure network communication ensure maximum protection of your data.

Checklist for installation

- Factbird® DUO data collection device
- Power supply unit
- Sensor (digital or analog)
- Sensor cable

Product Specifications

FC CE

General product specification	
Sensor input	2 inputs
Dimensions WxHxD	151×43×73mm / 5.9×1.7×2.8 in
Weight	175 g / 6 oz
Material	ABS
Gasket material	Silicone
Connectivity	
Connection types	LTE, WiFi
LTE bands	1, 2, 4, 5, 8, 12
UMTS bands	850, 900, 1900, 2100
Wi-Fi frequencies	2.4 / 5 GHz
IEEE 802.11 standards	a/b/g/n/ac
Sensor Input Digital	
Power supply to sensor	24 VDC
Sensor input levels	IEC 61131-2 Type 1, 2, 3
Input frequency max	100 Hz
Pulse width minimum	5 ms
Sensor type	NPN or PNP
Sensor max current	200 mA
Counter increment	Falling edge
Connector plug	M8 (4 pin)

Sensor Input Analog (coming soon)	
Power supply to sensor	24 VDC
Sensor input levels	4-20 mA
Sensor max current draw	200 mA
Connector plug	M8 (4 pin)
Power Supply Unit (Packaged)	
Input Voltage	85-264 VAC
Input Current	0.6 A at 115 VAC, 0.35A at 230 VAC
Frequency	47-63 Hz
Model	GST25B24
Manufacteur	Mean-Well
Plug Type	IEC320-C8
Operating Temperature	0-40ºC
IP Rating	IP20
Power Input	
Input Voltage	24 VDC
Input Current	1 A
Connector plug	M8 (4 pin)

End of life
When you wish to dispose the sensor cable, please return it to Factbird ApS for recycling or recycle local according to local laws where the end-of-life takes place.

Limitations of liability
Factbird ApS shall not be responsible for any direct or indirect damages, commercial losses, loss of profit in any way connected with the Factbird Digital.

Warranty
Factbird ApS's warranty is that the product is free from defects in materials and workmanship for a period of one year from the date of sale by Factbird ApS.