



Product Specifications

Factbird® Duo IoT Box

Parameter	Value
Sensor input	2 inputs from standard sensors
Width	151 mm / 5.9 in
Height	43 mm / 1.7 in
Depth	73 mm / 2.8 in
Weight	175 g / 6 oz
Material	ABS
Gasket material	Silicone

Connectivity LTE

Parameter	Value
LTE bands	1, 2, 4, 5, 8, 12
UMTS bands	850, 900, 1900, 2100

Connectivity WiFi (coming soon)

Parameter	Value
Wi-Fi frequencies	2.4 / 5 GHz
IEEE 802.11 standards	a/b/g/n/ac

Power Input

Parameter	Value
Input Voltage	24 VDC
Input Current	1 A
Connector plug	M8 (4 pin)

Sensor Input Digital

Parameter	Value
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 draw	200 mA
Counter increment	Falling edge
Connector plug	M8 (4 pin)

Sensor Input Analog (coming soon)

Parameter	Value
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)

Parameter	Value
Input voltage	85 - 264 VAC
Input current	0.6A at 115 VAC, 0.35A at 230 VAC
Frequency	47 - 63Hz
Model	GST25B24
Manufacture	Mean-Well
Plug Type	IEC320-C8
Operating Temperature	-30 to +70°C
IP Rating	IP20



End of life

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

Limitations of liability

Blackbird 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

Blackbird 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 Blackbird ApS.