



For more efficient farming

ISOBUS gateway for agricultural machines

- Reliable communication between add-on unit and tractor unit.
- User-friendly configuration via CODESYS using ISOBUS libraries.
- Full integration of the "Task Controller" smart farming interface.

ifm – close to you!



Description	Order no.
ISOBUS gateway (VT, AUX-N, Task Controller)	CR3122
ISOBUS gateway (VT, AUX-N)	CR3121

Efficient smart farming made easy

The ISOBUS gateway enables easy integration of the smart farming-relevant ISOBUS functionalities in the control programme of agricultural add-on units. Thanks to the supplied ISOBUS function library, visualisation for the add-on unit can be configured quickly and conveniently using CODESYS V2.3 or V3.5.

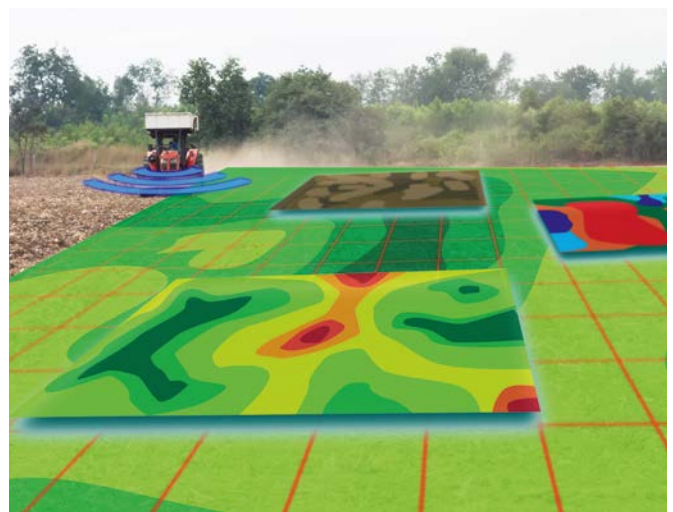
Thanks to optimised data processing, only the values to be visualised on the tractor unit's display are transmitted, reducing the load on the data bus significantly.

Making full use of the Task Controller

In addition to the Virtual Terminal and the AUX-N function (Auxiliary Control Function), the automation functions TC-Basic, TC-Geographic and TC-Section Control of the "Task Controller" smart farming interface can also be fully used via the ISOBUS gateway. With the M12 connector, the ISOBUS gateway can be easily connected with any mobile controller from ifm via the CAN interface, even subsequently.

No additional licence fees for using the AEF certified ISOBUS gateway will be required.

Technical data		
Ambient temperature	[°C]	-40...80
Operating voltage	[V DC]	8...32
Nominal voltage	[V DC]	12 / 24
CAN interfaces	Number Protocol	2 CAN ISO11898, ISOBUS ISO11783
Default baud rate	[Kbit/s]	250
Protection rating		IP67



The data recorded by the Task Controller can be processed at IT level and used for further efficient smart farming measures.

BEST FRIENDS

We reserve the right to make technical alterations without prior notice. · 11.2023
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



ecomatController
Controller for mobile applications, also for safety applications



BasicController
Controller with H-bridge, 16 inputs and outputs



ioControl
Decentralised connection of sensors, freely programmable



For further technical details, please visit: ifm.com/fs/CR3122