

## b-ISOBUS IO Gateway

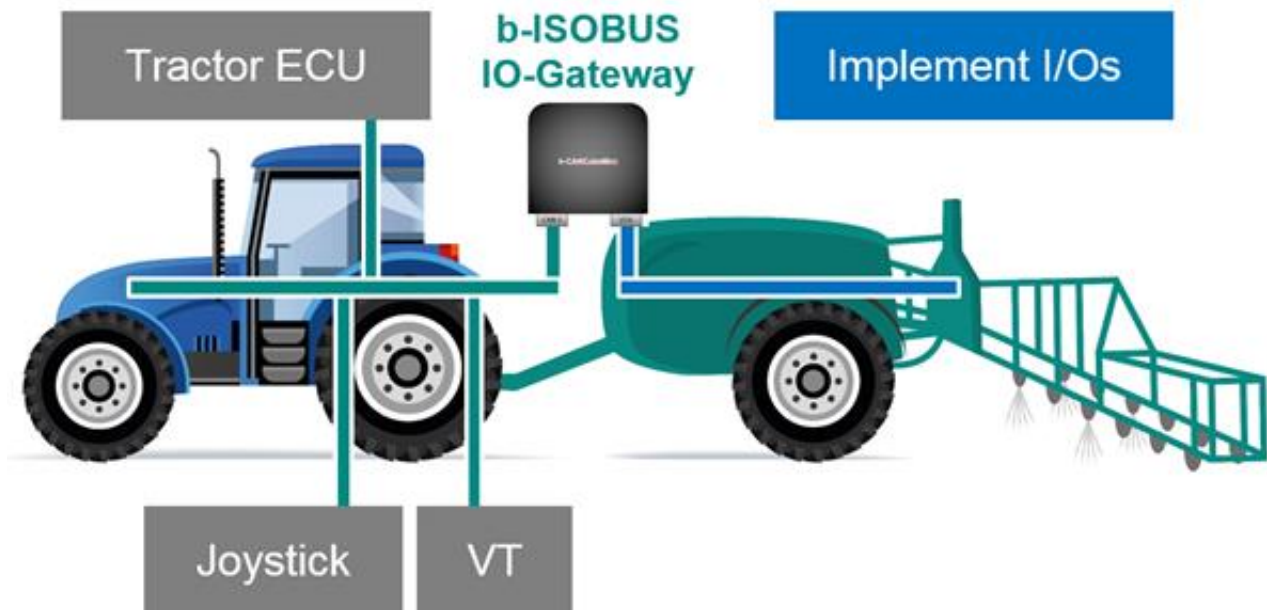


Illustration 1: b-ISOBUS IO Gateway

### Product Overview

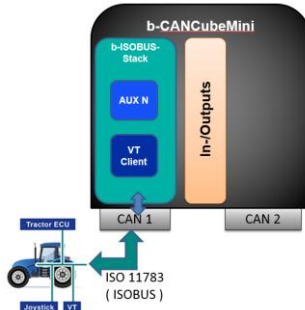
The b-ISOBUS IO Gateway provides a simple way to get your agricultural implement into the ISOBUS world. It provides the functionality of 5 parametrizable inputs and 6 parametrizable outputs to any ISO-VT. Therefore the gateway makes the entire Virtual Terminal client functionality as well as the AUX-N functionality available.

The gateway solution is built up of the AEF certified b-CANCubeMini controller and the ISO 11783-compliant b-ISOBUS stack.

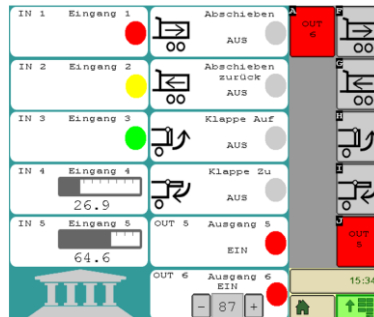
All inputs and outputs are parametrizable with an intuitive PC tool. Each input can be configured as voltage measurement 0-10V / 0-32V, frequency measurement, current measurement 0-20mA or digital high / low switching. Each output supports PWM, PWM current controlled or digital high / low switching.

Further functionalities as task controller capabilities are possible (not supported on the b-ISOBUS IO Gateway yet). Please ask us for more details.

### Configuration



Workflow configuration



Main mask on VT



Configuration mask of an input

### Technical data

<b>Operating temperature</b>	-40 ... +85°C
<b>Protection Class</b>	IP54
<b>Weight</b>	0,220 kg
<b>Qualification</b>	CE / E-Mark
<b>Dimensions</b>	71 x 73 x 32 mm (WxHxD)
<b>Housing</b>	Aluminum, black anodized
<b>Mounting</b>	Twin automotive relay, 2x 9-pole Back side 2x M3 inner thread Optional: Clamp for rail mount 35mm
<b>Bus interfaces</b>	1 CAN-Bus according to ISO11783 ISOBUS
<b>Power supply</b>	8 ... 32 V DC
<b>Inputs</b>	5 parametrizable inputs <ul style="list-style-type: none"> <li>- Digital high/low switching</li> <li>- Voltage 0..10V / 0..32V</li> <li>- Current 0..20mA</li> <li>- Frequency &lt;30kHz</li> </ul>
<b>Outputs</b>	6 parametrizable outputs <ul style="list-style-type: none"> <li>- Digital high/low switching</li> <li>- PWM / PWM current control</li> </ul>

Order-no.	Name
B20100-CCM-001-IGIO	b-ISOBUS IO Gateway
2001894	Gateway training

Alle Daten bei 25°C Umgebungstemperatur, falls nicht anders angegeben. / All data at nominal input and 25° C ambient temperature, if not marked otherwise. ▪ Alle Daten dienen nur Informationszwecken und sind nicht als zugesicherte Eigenschaften aufzufassen. / All data for information purposes only, no assured characteristics. ▪ Technische Änderungen ohne vorherige Ankündigung sowie Irrtümer vorbehalten. / Technical modifications without notice and errors reserved. ▪ Belastung mit Extremwerten über einen längeren Zeitraum kann die Zuverlässigkeit beeinflussen. / Strain with extreme values for a longer period may affect the reliability. ▪ Alle Trademarks und Logos sind Eigentum der jeweiligen Unternehmen. / All trademarks and logos are property of the concerning companies. © b-plus GmbH • Jun-18 • Version 1.1