


## DATASHEET

### Product information BRID201010-BOX24V-3CH

<b>Name</b>	BRID201010-BOX24V-3CH
	
	Industrial Wireless Sensor Bridge
<b>Product description</b>	
Type	BRID201010-BOX24V-3CH
Description	Wireless Sensor Bridge, 24VDC or 5.1VDC powered, including Repeater plug-in module, with 3 external cable gland inputs for 3 measuring channels. Accepts maximum 3 ADMOD plug-in modules (not included) for digitalization of analog sensors and wireless data transfer. Country of origin: BE HS: 90318080 - ECCN: NO
Note	The Wireless Bridge also acts as Repeater, repeating wireless iQunet sensors in its range.
<b>Product specifications</b>	
Material	Poly Carbonate (PC), halogen free, transparent cover, body RAL 7035 light grey Gasket material: PU
Weight	490 g
Standard cable gland inputs	1 x M12: 24 VDC / USB 3 x M12: 3 measuring channels (CH#1, CH#2, CH#3)
Operating temperature	-10° to +50°C
Number of channels slots	3 (plug-in modules not installed)
L x W x H (mm)	170 x 80 x 65 (without cable glands)
Installation position	Upright on wall, pole, or frame
Ingress protection	IP66 / IP67
Impact resistance	IK08
Wireless communication range	Up to 50 m typically in plant (actual range depends on specific site topology and device placement)
Power consumption	Max. 150mA at 24VDC (with 3 plug-in modules installed)
Power connection	<ul style="list-style-type: none"> <li>24 VDC, to input connector for stripped wire (via cable gland)</li> <li>5.1 VDC / 15W to micro-USB connector inside</li> </ul>
Fail-over battery	1 x CR2032 (for troubleshooting purposes only (ping) – no Repeater function when powered with battery only)
Compliance	<ul style="list-style-type: none"> <li>RoHS: 2011/65/EU and 2015/863</li> <li>EMC: EN 301 489-1 / EN 301 489-3</li> <li>SPECTRUM: EN 300 220-2</li> </ul>

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	<p>Type 1: 868 MHz center frequency Max. EIRP &lt; 10dBm (&lt;10mW)          Type 2: 915 MHz center frequency Max. EIRP &lt; 10dBm (&lt;10mW)          (actual delivered frequency depends on local country regulations)</p>
<b>Picture &amp; Drawing</b>	<div style="text-align: center;"> </div> <p style="text-align: center;"><b>Wireless bridge including Repeater module</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div>