



The Smart USB Device series is a simple and cost-efficient solution to extend the POLARIS series to include Bluetooth or WLAN functionality. The connection is made via the Ex e USB interface.

**Explosion protection**

Marking ATEX	II 2G Ex mb IIC T4 Gb II 2D Ex IIIC T120 °C Db
Certification	IBEXU 05 ATEX 1117 X
Marking IECEx	Ex mb IIC T4 Gb Ex IIIC T120 °C Db
Certification	IECEx IBE 11.0007X
Other approvals and certificates, see <a href="http://www.bartec.de">www.bartec.de</a>	

**Technical data**

Ambient temperature	-20 °C to +60 °C
Protection class	IP 66 (thread socket)
Installation	suitable for 2G, 2D, 3G or 3D enclosure Wall thickness: 1 to 6 mm
Befestigung	M30 x 1.5, suitable for through-holes 30.3 mm
Impact resistance	7 Nm
Material	Thermoplastic (enclosure)

**Technical data**

<b>Bluetooth version</b>	
e.g. to connect a Bluetooth scanner	
Bluetooth	4.0, downwardly compatible 2.0/2.1/3.0
Range	up to 10 m in open terrain
<b>WLAN version</b>	
for wireless network connection	
Wifi standard	IEEE802.11n, IEEE802.11g, IEEE802.11b
Transmission rate	max. 150 Mbit/s
Frequency	2.4 GHz

**Ordering information**

Bluetooth	<b>17-71VZ-A020</b>
WLAN	<b>17-71VZ-A010</b>

Technical data subject to change without notice.

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