



## ***mURM Evaluation Board - Outdoor Kit***

### **Technical Specification**

<b><i>Air Interface Protocol:</i></b>	EPCglobal UHF Class 1 Gen 2
<b><i>Frequency:</i></b>	865-868 MHz
<b><i>Number of Channels:</i></b>	4 channels
<b><i>Supported Region:</i></b>	ETSI (Europe) - ETSI EN 302 208
<b><i>RF Power Output:</i></b>	max. 14 dBm
<b><i>Antenna Connection:</i></b>	SMA, 50ohm
<b><i>Tag Communication Rate:</i></b>	40 kbps
<b><i>Read Range:</i></b>	Up to 1 m
<b><i>Tag Read Rate:</i></b>	Up to 50 tags/second
<b><i>Interfaces:</i></b>	USB 2.0 connectivity It appears as USB serial port USB mini-B connector RS232
<b><i>I/O:</i></b>	9 GPIOs (3.3V level)

**Power supply:** 5 VDC (Powered by USB interface)  
External 6 to 30 VDC  
Max. 200mA

**Operating Temperature:** -20°C to +55°C

**Ingress protection of enclosure:** IP66

**Cable glands:** Up to 3 pieces  
PG7

**Dimensions:** 160mm L x 160mm W x 60mm H

### Optional Accessories

**Built in Antenna:** 5 dBic

**Power Adapter:** 12V/1000mA

**USB Cable:** A to Up Angle Mini B  
2m