



## BRIDGE

### COMMUNICATION

Short Range:	up to <b>500 m</b> line of sight
Radio:	IEEE <b>802.15.4 (2,4 GHz)</b>
Bandwidth	<b>2 MHz</b>
Data rate:	<b>250 kbps</b>
Modulation	QPSK
Antenna:	omnidirectional
EIRP configurable:	up to <b>12 dBm</b>
Security:	Elliptic Curve Cryptography (secp16r1) Authentication & encryption (AES 128) Secure end to end encryption.
Long range radio: (Bridge to Server)	GSM/GPRS/EDGE/UMTS/CDMA/LTE <b>850/950/1850/1900/2100 MHz</b> GPS support optionale

### DIMENSIONS & DURABILITY

Battery lifetime:	<b>1 year</b> or up to <b>50,000</b> pictures
Batteries:	<b>4 x</b> Re-chargeable Li-Ion <b>3.7V 10400 mAh</b>
Operating temperature range:	<b>-40°C to +55° C</b>
Enclosure:	weather proof ( <b>IPx7</b> )
Weight:	<b>1.5 kg</b> (with 4 batteries and mounting support)
Size:	<b>9.5x7.5x24.5 cm</b>

### INSTALLATION

Multiple options - mounting screw, zip tie, wirefastener.  
Can be installed on - trees, rock faces, poles, fence lines etc.

