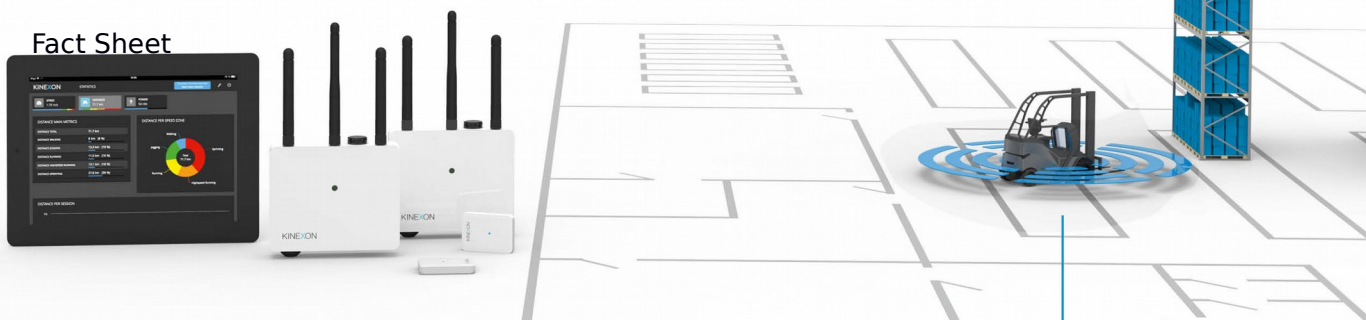


Fact Sheet




KINEXON RECEIVER

User Manual – Indoor Application

Version 1.2

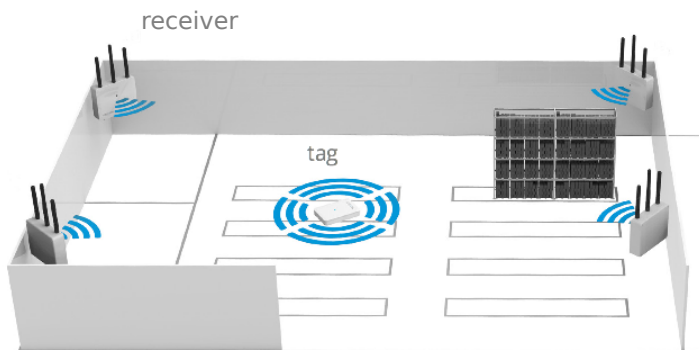
RECEIVER (Kinexon Receiver):

Material:	ABS	
Dimensions:	126 x 98 x 34 mm	
Weight:	200 g / 505 g (with battery)	
Power Supply:	Battery and/or cable (5-30 V), PoE (48V)	
Battery Lifetime:	35 hours (active), 200 days (standby)	
Charging:	10 hours (100%), 5 hours (50%), 12-24 V DC	
Temperature:	-40 – 75 C	
Communication:	2.4/5 GHz (Wifi), 3.23738-6.81013 GHz (UWB), 100Base-TX Ethernet	

SETUP

Receiver Mounting

The Kinexon Receiver will only be placed indoors, where it will be usually mounted on walls or on tripods. Kinexon offers dedicated mounting mechanisms. Alternatively, the Receivers can be mounted on tripods in case that mounting on walls is not possible.



Regulatory and Legal Information

The Kinexon Receiver has been designed to be in compliance with both the U.S. FCC Part 15 subpart F regulations, sections 15.517 and 15.521 and with the European Union ETSI EN 302 065 standards. Two different versions of the Kinexon Receiver are available, one version supports the FCC emissions mask (Region 1) and the second supports the ETSI standard mask (Region 2).

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Intended Use

This manual describes the setup and use of the Kinexon Receiver. Use this product only for the purpose it was designed for.

FCC Compliance

This device complies with 47 CFR Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device may not be employed for the operation of toys. Operation onboard an aircraft, a ship or a satellite is prohibited.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Notice

This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.

The Kinexon Receiver will only operate (i.e. transmit UWB signals) when activated within an indoor Kinexon network. This network needs to be professionally installed, and must be configured to cover only the volume indoors, preventing the Kinexon Receiver from emitting UWB signals outdoors. Contact Kinexon GmbH if you are unsure about the extent of coverage of your network system.

Safety Information

- Read and follow all instructions before using the Kinexon Receiver.
- Never open the case of the Kinexon Receiver. There are no user serviceable parts or replaceable parts inside the case.
- Do not use the Kinexon Receiver if it has been damaged.