



The LocatorFTP.txt can be found in subdirectory config. It contains the necessary information for uploading location files to the internet. First line contains the USERNAME, the second line contains the PASSWORD and the third line contains the URL.

HexaLocator Operation

The HexaLocator uses three modes of detection SIGNAL, DETECTION AND CONFIRMED. "Signal" is the least reliable mode of detection and has highest probability of error. However if "signal" is associated with a person or object in multiple and sequential detections, mostly pointing to a specific location. Then the likelihood of the person/object being at that specific location is high, and extremely high if the tag is not detected anywhere else simultaneously. "Detection" indicates a higher probability of location truth, roughly 30 to 1. If there is detection in the same locality twice in a row, the probability increases to 30 x 30 or 900 to 1. Similarly "Detection" three times in a row is, 30 x 30 x 30 or 27000 to one. "Confirmation" is far highest of the three probability levels, roughly 400 to 1. A confirmation twice in a row is 400 x 400 or 160000. For certainty about the current location, history of the past minute or two may be of some importance.

One receiver per 50 sqm will show mostly detection with occasional confirmations, adding more receivers per locality will further enhance the absolute location truth. One receiver per 50 sqm forms a good system, but two receivers per 50 sqm forms a better one.

HexaLocator Evaluation Kit

6 x HX19R Location Receivers
4 x HX19T USID/RFID tag (transmitter)
1 x HX19MS Monitor Synchronizer
1 x Demo Software + VB source code
1 x Full manual including point to point relay protocol appendices and HX19 block schematics

Price 1223 euros

HX19 component pricing	1-10	10-99	100-
HX19T USID/RFID tag (transmitter)	83	67	48
HX19R Location Receiver	113	89	65
HX19MS Monitor Synchronizer	213		