iNEMO* inertial modules

Evaluation tools and GUI

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iNemo inertial modules
Performance evaluation kits

Professional board & GUI for performance evaluation

Professional MEMS motherboard

UNICO-GUI software

<table>
<thead>
<tr>
<th>Operating system</th>
<th>ST software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linux</td>
<td>STSW-MKI109L</td>
</tr>
<tr>
<td>Mac OS X</td>
<td>STSW-MKI109M</td>
</tr>
<tr>
<td>Windows</td>
<td>STSW-MKI109W</td>
</tr>
</tbody>
</table>

Evaluation board (adapter)
Dedicated adapters available in “Tools & Software” section of the relative product page.

STEVAL-MKI109V3

MEMS sensor DIL24 adapter board
iNemo inertial modules - Evaluation boards

Evaluation board & GUI to capture and process data

STM32 Nucleo (motherboard)

Software

<table>
<thead>
<tr>
<th>ST software</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNCLEO-GUI</td>
<td>To acquire data and test the performance</td>
</tr>
<tr>
<td>ALGOBUILDER</td>
<td>To design custom firmware &amp; algorithms</td>
</tr>
</tbody>
</table>

Expansion board (multi-sensor)

Possibility to connect a DIL24 adapter board on the expansion board with STM32 Nucleo environment*

- X-NUCLEO-IKS01A2 with LSM6DSL
- X-NUCLEO-IKS01A3 with LSM6DSO
- X-NUCLEO-IKS02A1 with ISM330DHCX

Motion MEMS and environmental sensor expansion boards

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STM32 Nucleo family

NUCLEO-F401RE
NUCLEO-L476RG
NUCLEO-L152RE
NUCLEO-L073RZ
...and more

*check if the sensor is supported by X-CUBE-MEMS1 SW package
iNemo inertial modules
Quick prototyping (1)

Form factor boards & GUI to easily develop new applications

STEVAL-MKSBOX1V1
Sensortile.box wireless sensor kit
with LSM6DSOX

STEVAL-STWINKT1
STWIN Industrial node
with ISM330DHCX

STEVAL-BCN002V1B
BlueTile development kit
with LSM6DSO
Form factor boards & GUI to easily develop new applications

- **STEVAL-BFA001V1B**: Predictive maintenance kit with sensors and IO-Link capability with ISM330DLC
- **STEVAL-MKI187V1**: 96Boards ArgonKey board with LSM6DSL
- **STEVAL-DRONE01**: Complete Mini drone kit with LSM6DSL
For more information and support

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Thank you