APPLICATION FORM

|  |  |  |  |
| --- | --- | --- | --- |
| **Device Type** | [ ]  Timer[ ]  Photocell | [ ]  Start Gate[ ]  Start Door | [ ]  Photo Finish[ ]  Start Clock |
| **Device Type** | [ ]  FIS | [ ]  FEI |  |
| **Requested by:** |  |
| **Manufacturer:** |  |
| **Equipment description:** |  |
| **Model name:** |  |
| **Production year:** |  |
| **Testing Lab:** | [ ]  ALGE-Timing (AUT)[ ]  Microgate (ITA)[ ]  Swiss Timing (SUI) | [ ]  No preference |
| **Expected homologation date:** |  |
| **Application date:** |  |
| **Comments:** |  |

TECHNICAL SPECIFICATIONS

# **Common applicable information**

|  |  |
| --- | --- |
| **Dimensions (HxWxD cm):** |  |
| **Weight (kg):** |  |
| **Operational temperatures (°C):** |  |
| **Relative humidity (%):** |  |
| **Power supply:** |  |
| **Battery supply:** |  |
| **Battery life:** |  |
| **Inputs:** |  |
| **Outputs:** |  |
| **Interfaces:** |  |
| **Temperature stability:** |  |
| **Quartz ageing:** |  |
| **Photo Finish max. scan rate (fps):** |  |
| **Photo Finish vertical resolution (pixels):** |  |
| **International Electronic Commission (IEC) compliant:** | [ ]  YES | [ ]  NO |  |
| **Synchronization input:** | [ ]  YES | [ ]  NO |  |
| **External synchronization:** | [ ]  YES | [ ]  NO |  |
| If Yes – Description: |

|  |  |  |  |
| --- | --- | --- | --- |
| **Device can provide Log (only for Timers):** | [ ]  YES | [ ]  NO |  |
| If Yes – Description: |
| **Minimum impulse duration****(only for photocells):** |  |

Fill the application form and send it by email together with any available device documentation and user manual to FIS IT department it@fisski.com. After the submission of the homologation application form, FIS will send the pricing and testing informations.

# **Form explanation and examples**

|  |  |
| --- | --- |
| **Device Type** | Select the device type to be homologated |
| **Requested by:** | Provide the name, address, email, telephone of the contact person requiring the homologation |
| **Manufacturer:** | Manufacture name of the deviceExample: Microgate |
| **Equipment description:** | Describe the equipmentExample: Multi-sport timing device |
| **Model name:** | Provide the model name of the deviceExample: RTPRO |
| **Production year:** | Provide the year of production of the device model with the specification supposed to be homologatedExample: 2021 |
| **Testing Lab:** | Select one of the testing labs which should perform the homologation test. If there is no certain preference FIS will chose the best available testing lab out of list. |
| **Expected homologation date:** | Provide a date when the device is expected to be homologated |
| **Application date:** | Date of application |
| **Comments:** | Add any comment or additional information for the homologation of the device. |

|  |  |
| --- | --- |
| **Dimensions (HxWxD cm):** | Provide height, width and depth of the device dimension in cmExample: 25 x 8.5 x 4.5 |
| **Weight (kg):** | Provide the weight in kgExample: 1.1 |
| **Operational temperatures (°C):** | Provide operational temperature range in °CExample: -10 to +60 |
| **Relative humidity (%):** | Provide the relative humidity for operation in %Example: 45 |
| **Power supply:** | Provide power supply specification like voltage range, power frequency, wattageExample: 110-230V~50/60Hz 40W |
| **Battery supply:** | Provide battery supply specification like voltage, capacity and typeExample: 9.6V 9.0Ah NiMH |
| **Battery life:** | Provide battery life specificationExample:24Hours after full charging with modem on and printer on60Hours after full charging with modem off and printer off |

|  |  |
| --- | --- |
| **Inputs:** | Provide specification of all input interfacesExample:2 wired inputs (Start/sync, Finish)2 radio receivers (868MHz) |
| **Outputs:** | Provide specification of all output interfacesExample:2 E-line (external loop)1 E-line (internal loop) |
| **Interfaces:** | Provide specification of all serial and data interfaces, like sockets, displays, modems, printer etc.Example:1 USB, 1 RS232, 1 RS485 interface / 115200bit/s, 1 stop bit, no parityLCD, 4G modem and printer |
| **Temperature stability:** | Provide quartz temperature stability specificationExample:+/- 2 ppm (0°C to +40°C) / +/- 7.5 ppm (-40°C to +85°C) |
| **Quartz ageing:** | Provide quartz ageing specificationExample:+/- 1.0 ppm (first year) |
| **Photo Finish max. scan rate (fps):** | Provide the maximum scan rate of the Photo Finish camera in frames per secondExample: 10000 |
| **Photo Finish vertical resolution (pixels):** | Provide the vertical resolution of the Photo Finish camera in pixelExample: 1080 |
| **International Electronic Commission (IEC) compliant:** | Confirm if the device is compliant with International Electronic Commission (IEC) |
| **Synchronization input:** | Confirm if the device has a synchronization input |
| **External synchronization:** | Confirm if the device allows external synchronization (e.g., with GPS). If yes, provide a description of the synchronization procedure. |
| **Device can provide Log (only for Timers):** | Confirm if the device can provide a log file. If yes, provide a description how to access and export the log file from the device. |
| **Minimum impulse duration****(only for photocells)** | 300ms |
| **Banana plug compatible** | The device must be compatible with banana plug |