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:** |  | | |
| **Hardware version:** |  | | |
| **Software version:** |  | | |
| **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: | | | |
| **Device can process net times (only for Timers):** | YES | NO | | |
| If Yes – Description: | | | |
| **Device can do corrections on the time (only for Timers):** | YES | NO | | |
| If Yes – Description: | | | |
| **Minimum impulse duration**  **(only for photocells):** |  | | | |
| **Banana plug compatible** | YES | NO | |  |

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](mailto: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 device  Example: Microgate |
| **Equipment description:** | Describe the equipment  Example: Multi-sport timing device |
| **Model name:** | Provide the model name of the device  Example: RTPRO |
| **Production year:** | Provide the year of production of the device model with the specification supposed to be homologated  Example: 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 cm  Example: 25 x 8.5 x 4.5 |
| **Weight (kg):** | Provide the weight in kg  Example: 1.1 |
| **Operational temperatures (°C):** | Provide operational temperature range in °C  Example: -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, wattage  Example: 110-230V~50/60Hz 40W |
| **Battery supply:** | Provide battery supply specification like voltage, capacity and type  Example: 9.6V 9.0Ah NiMH |
| **Battery life:** | Provide battery life specification  Example:  24Hours after full charging with modem on and printer on  60Hours after full charging with modem off and printer off |

|  |  |
| --- | --- |
| **Inputs:** | Provide specification of all input interfaces  Example:  2 wired inputs (Start/sync, Finish)  2 radio receivers (868MHz) |
| **Outputs:** | Provide specification of all output interfaces  Example:  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 parity  LCD, 4G modem and printer |
| **Temperature stability:** | Provide quartz temperature stability specification  Example:  +/- 2 ppm (0°C to +40°C) / +/- 7.5 ppm (-40°C to +85°C) |
| **Quartz ageing:** | Provide quartz ageing specification  Example:  +/- 1.0 ppm (first year) |
| **Hardware version:** | 1.0.0 |
| **Software version:** | 1.0.0 |
| **Photo Finish max. scan rate (fps):** | Provide the maximum scan rate of the Photo Finish camera in frames per second  Example: 10000 |
| **Photo Finish vertical resolution (pixels):** | Provide the vertical resolution of the Photo Finish camera in pixel  Example: 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. |
| **Device can process net times (only for Timers):** | Describe the step-by-step procedure how to display/print the net time. |
| **Device can do corrections on the time (only for Timers):** | Describe the step-by-step procedure how to apply a correction of a TOD or to enter a TOD manually. |
| **Minimum impulse duration**  **(only for photocells)** | 300ms |
| **Banana plug compatible** | The device must be compatible with banana plug |