# APPLICATION FORM

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

# TECHNICAL SPECIFICATIONS

## 1. Common applicable information

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| **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<br>If Yes – Description: |

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| **Device can provide Log (only for Timers):** | ☐ YES ☐ NO<br>If Yes – Description: |
| **Device can process net times (only for Timers):** | ☐ YES ☐ NO<br>If Yes – Description: |
| **Device can do corrections on the time (only for Timers):** | ☐ YES ☐ NO<br>If Yes – Description: |
| **Minimum impulse duration (only for photocells):** | |
| **Banana plug compatible** | ☐ YES ☐ NO |

# 2. Form explanation and examples

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| **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<br>Example: Microgate |
| **Equipment description:** | Describe the equipment<br>Example: Multi-sport timing device |
| **Model name:** | Provide the model name of the device<br>Example: RTPRO |
| **Production year:** | Provide the year of production of the device model with the specification supposed to be homologated<br>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. |

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

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| **Inputs:** | Provide specification of all input interfaces<br>Example:<br>2 wired inputs (Start/sync, Finish)<br>2 radio receivers (868MHz) |
| **Outputs:** | Provide specification of all output interfaces<br>Example:<br>2 E-line (external loop)<br>1 E-line (internal loop) |
| **Interfaces:** | Provide specification of all serial and data interfaces, like sockets, displays, modems, printer etc.<br>Example:<br>1 USB, 1 RS232, 1 RS485 interface / 115200bit/s, 1 stop bit, no parity<br>LCD, 4G modem and printer |
| **Temperature stability:** | Provide quartz temperature stability specification<br>Example:<br>+/- 2 ppm (0°C to +40°C) / +/- 7.5 ppm (-40°C to +85°C) |
| **Quartz ageing:** | Provide quartz ageing specification<br>Example:<br>+/- 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<br>Example: 10000 |
| **Photo Finish vertical resolution (pixels):** | Provide the vertical resolution of the Photo Finish camera in pixel<br>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 |