# iQ-Trigger data sheet


## Overview

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| Product name | iQ-Trigger |
| Principle | A remote controllable, electromechanical finger (includes hydraulic arm and mounting) to trigger hard- and software buttons of digital cameras |

## Features

### Electromechanical finger

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| Latency | 20 ms (depending on position) |
| Max. stroke distance | Approx. 9 mm |
| Specialties | • Easy adjustment in combination with a hydraulic arm<br>• Exchangeable fingertips (hardware button, touch screens)<br>• Comes with Manfrotto L bracket and Manfrotto mounting plate type 405 |

### API (Software)

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| System requirements | PC with Windows 7 operating system (or higher)<br>USB port |
| Functions UI | • Release/stop iQ-Trigger-T<br>• Set release duration<br>• Define delay<br>• Set up sequences (multiple releases)<br>• Includes a simple UI (sample implementation of API) |
| API (C++) | Included in iQ-Trigger product bundles (refer to the scope of delivery) |

## General description hardware

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| Power supply/consumption | 14 - 15 V from iQ-Trigger USB-Box, LED-Panel, STEVE, lightSTUDIO |
| Ports | 1 x 6,3 mm Jack (Connection to iQ-Trigger USB-Box, LED-Panel, STEVE-2D, STE-6D, lightSTUDIO |

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| Dimension [W x H x D] | 59 x 149 x 63 mm without hydraulic arm and mounting |
| Weight | Approx. 0,8 kg (including L bracket) |
| Connection to tripod/camera | Manfrotto RC4 rapid connect system / ¼ “ UNC thread |
| Operating conditions | 18 - 28 °C |
| Power cycle | 50% duty cycle (max.)<br>60 s duration (max.) |
| Scope of delivery | |

| | *iQ-Trigger electromechanical finger* | *iQ-Triager-T* | *4 x TPE-band (90 mm and 130 mm)* | *7.5 m Extension cable* | *Microfiber cloth* | *iQ-Triager-T storage box* | *Manfrotto L bracket + plate 405* | *iQ-Triager USB-Box* | *Wired remote release* | *Power supply* | *USB cable* | *iQ-Triager API* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iQ-Trigger | x | | | x | | | x | x | x | x | x | x |
| iQ-Trigger + iQ-Trigger-T | x | x | x | x | x | x | x | x | x | x | x | x |
| iQ-Trigger add-on | x | | | x | | | x | | | | | |

## Miscellaneous

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|---|---|
| Standards | ISO 15781:2015: Measuring shooting time lag, shutter release time lag, shooting rate, and start-up time |
| Compatibility | LED-Panel, STEVE-2D, STEVE-6D, lightSTUDIO |