



## Overview

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

## Features

### Electromechanical finger

Latency	20 ms (depending on position)
Max. stroke distance	approx. 9 mm
Specialties	<ul style="list-style-type: none"> <li>• easy adjustment in combination with hydraulic arm</li> <li>• exchangeable finger tips (hardware button, touch screens)</li> <li>• comes with Manfrotto L bracket and Manfrotto mounting plate type 405</li> </ul>

### API (Software)

System requirements	PC with Windows 7 operating system (or higher) USB port
Functions UI	<ul style="list-style-type: none"> <li>• release/stop iQ-Trigger-T</li> <li>• set release duration</li> <li>• define delay</li> <li>• set up sequences (multiple releases)</li> <li>• includes a simple UI (sample implementation of API)</li> </ul>
API (C++)	included in iQ-Trigger product bundles (refer to scope of delivery)

## General description hardware

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)



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 degrees Celsius											
Power cycle	50 % duty cycle (max.) 60 s duration (max.)											
Scope of delivery		<i>iQ-Trigger electromechanical finger</i>										
		<i>iQ-Trigger-T</i>										
		<i>4 x TPE-band (90 mm and 130 mm)</i>										
		<i>7,5 m Extension cable</i>										
		<i>Microfibre cloth</i>										
		<i>iQ-Trigger-T storage box</i>										
		<i>Manfrotto L bracket + plate 405</i>										
		<i>iQ-Trigger USB-Box</i>										
		<i>Wired remote release</i>										
		<i>Power supply</i>										
		<i>USB cable</i>										
		<i>iQ-Trigger API</i>										
	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
	iQ-Trigger add-on	x		x			x					

## Miscellaneous

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