

# CONTROLLED HIGH-SPEED EVENTS CAN'T BE WIPED AWAY



Easily capture events too fast to see.

## Cognisys StopShot™

Fully programmable intervalometer for triggering multiple external devices with exclusive Hadland modifications for connectivity to high-speed & ultra high-speed cameras.

### Experience the Invisible.™

Contact us for more information or to schedule a demo today.

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**STOP Shot**

For more information

Call 1-888-43HADLAND (1-888-434-2352) or email, [sales@hadlandimaging.com](mailto:sales@hadlandimaging.com) about ultra high-speed imaging solutions. Cognisys, Inc. on the web: [www.cognisys-inc.com](http://www.cognisys-inc.com)

# Cognisys StopShot™

Fully programmable 3 channel intervalometer for triggering multiple external devices with exclusive **Hadland modifications** for connectivity to high-speed & ultra high-speed cameras.

## Easily capture events too fast to see.

**StopShot** is a programmable timing module for photographers who desire to capture water drops & splashes, ballistics, wildlife and other fast moving subjects without expensive high-speed cameras. Use the 4 button interface to easily program precise timing delays to trigger independent or sequential events such as firing flashes, releasing camera shutters\* and time-lapse image captures. A variety of acoustic, IR beam, laser & vibration sensors can be used with adjustable gain sensitivity to *experience the invisible*.

Three BNC connectors are included on the **Hadland modified StopShot** for interfacing high-speed & ultra high-speed cameras and testing equipment. The StopShot provides low voltage output from all triggering ports – an added benefit for electronic component protection of high-speed & ultra high-speed cameras.

\* Requires Shutter Interface Cable (RCA)

Contact us for more information about StopShot kits, sensors & more.

Hadland modified StopShot with 3 BNC connectors for interfacing with high-speed & ultra high-speed cameras.

Photos by Roy Dunn

## Key Features

- 20 x 4 LCD display with adjustable brightness
- 4 button interface
- 3 BNC connectors (Hadland modification)
- 3 RCA jacks
- Input sensor jack has external power for IR LEDs, laser or other 5 VDC loads
- All outputs are short circuit and over voltage protected
- Outputs capable of energizing relays or electronic valves (outputs are protected from inductive loads)
- Accepts wide DC input voltage range from a standard 2.1 mm power jack
- Standard 3.5 mm mic & sensor jacks
- Microphone input compatible with standard electret microphone
- Trigger output can drive multiple devices using RCA Y cables & BNC adapters
- Programmable sequential triggering for complicated captures
- Store up to 10 user presets
- Li-ion battery kit available for field use

## Tech Specs

Physical		Input/Output Ports & Connectors			
<b>Dimensions (LWH)</b>	7.5 x 4.25 x 2.0 in (190.5 x 107.95 x 50.8 mm)	<b>Power</b>	standard 2.1 mm jack		
<b>Weight</b>	14.3 oz (405.39 g)	<b>Microphone</b>	standard 3.5 mm jack		
		<b>Sensor</b>	standard 3.5 mm jack		
		<b>Trigger ports</b>	3 RCA jacks		
		<b>Hadland modification</b>	3 BNC connectors		
Electrical			min	nom	max
<b>Operating temperature</b>			-4°F -20°C	77°F 25°C	140°F 60°C
<b>Input voltage</b>	VDC	6	12	16	
<b>Input current – no sensors connected – 12 VDC in</b>	mADC	–	75	100	
<b>Input current – IR sensor connected</b>	mADC	–	150	200	
<b>Output current sink</b>	ADC	–	–	1	
<b>Sensor supply output voltage</b>	VDC	4.0	4.5	5.0	
<b>Sensor supply output current</b>	mADC	–	–	100	
<b>Max voltage on trigger out port – steady state</b>	VDC	–	–	40	
<b>Timer tolerance @ 77°F (25°C)</b>		–	0.005%	–	

**BETTER GEAR.  
BETTER RESULTS.**  
We've got the gear you need to get the job done right

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