

CONTROLLED HIGH-SPEED EVENTS CAN'T BE WONG



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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West Coast

1414 Soquel Ave, Suite 200
Santa Cruz, CA 95062
USA
phone: 1-408-203-2727
www.hadlandimaging.com

East Coast

10 Park Place, Suite 507
Butler, NJ 07405
USA
phone: 1-862-228-2185



For more information

Call 1-888-43HADLAND (1-888-434-2352) or email, sales@hadlandimaging.com
about ultra high-speed visible, infrared, schlieren & Flash X-ray imaging solutions.
Cognisys, Inc. on the web: 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 for 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 5V DC 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

Dimensions (LWH)	7.5 x 4.25 x 2.0 inches (190.5 x 107.95 x 50.8 mm)
Weight	14.3 oz (405.39 g)

INPUT/OUTPUT PORTS & CONNECTORS

Power	standard 2.1 mm jack
Microphone	standard 3.5 mm jack
Sensor	standard 3.5 mm jack
Trigger Ports	3 RCA jacks
Hadland Modification	3 BNC connectors

ELECTRICAL

		min	nom	max
Operating Temperature		-4° F	77° F	140° F
		-20° C	25° C	60° C
Input Voltage	V DC	6	12	16
Input Current 12V DC in (no sensors connected)	MADC	–	75	100
Input Current (IR sensor connected)	MADC	–	150	200
Output Current Sink	ADC	–	–	1
Sensor Supply Output Voltage	V DC	4.0	4.5	5.0
Sensor Supply Output Current	MADC	–	–	100
Max Voltage on Trigger Out Port (steady state)	V DC	–	–	40
Timer Tolerance @ 77° F (25° C)		–	0.005%	–

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

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