The Triggerscope 3B incorporates new LED indications, DAC Range selection, high current TTL drive and faster DAC switch times into the latest iteration of the Triggerscope product series.

What's New:
- LED indication for TTL/DAC Out
- Selectable Range DAC Outputs, 5,10,20V Ranges
- Fast DAC Switch times up to 12uS
- TTL 1-4 use 500mA Drive IC
- TTL 5-12 use 200mA Drive IC
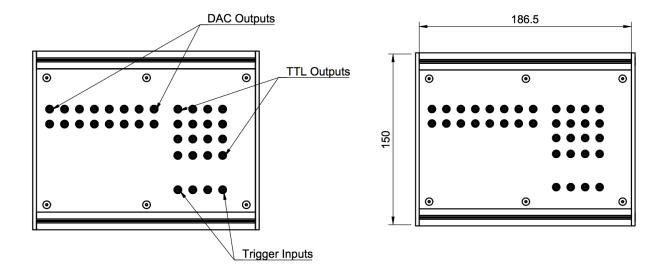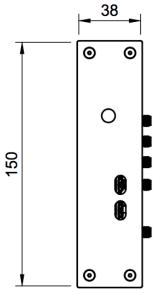- Input LED Indication
- External DC off control.

Description	Spec	Note
DAC Output	-10/+10 VDC	16-Bit Resolution @ +/-50mA Drive
DAC Channels	16	Female SMA Connectors
TTL Output	0V – 5V DC	-50/+500mA Drive*
TTL Channels	16	Female SMA Connectors
Trigger Inputs	0-5V DC	Female SMA Connectors
Switch Time	20us	TTL & DAC in Sequence
Driver Support	Multiple	Micro-Manager, Metamorph, MatLab

Applications for the Triggerscope include:

- Galvo Control
- Piezo & Fast focus control
- Laser, LED, and AOTF control
- High speed camera triggering
- XY Stage control
- Adaptive optics
- Liquid Handling/Perfusion
- Liquid Lenses
- Spinning Disk Confocal Control
- Embedded Systems
- OEM integration
- Filter Wheels
- Dichroic Cube switchers
- Strobe Capture

DAC Outputs

TTL Outputs

Trigger Inputs

186.5

150

38

150

The Triggerscope 3B is available for purchase on the ARC website store at www.advancedresearch.co or contact us below for additional purchase options.

OEM integration options are available including caseless designs, alternative coloring schemes and custom panels.

Custom drivers are available, as well as bare development versions for in-house integration options.

For more information on the Triggerscope or any ARC product, please reach us at:

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www.advancedresearch.co
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