

# Trigger Options

## Mini Camera UK11xx



---

### Information about many Trigger Options of the Mini Camera UK11xx Product Family from ABS

Common camera application include continuous image capturing and subsequent monitor display. Additionally, we offer optional digital inputs/outputs for our mini cameras for event control of image capture. Users of our mini cameras have four different trigger options:

- **Hardware trigger**
  - **Software trigger**
    - **Time delay trigger**
      - **Event trigger**

Hardware trigger	<ul style="list-style-type: none"><li>- image capture control by an external signal, e.g. by a light barrier</li><li>- single image capture (single shot) or image sequence capture (multi shot) possible</li><li>- image number in a sequence selectable</li><li>- exposure bracketing possible, i.e. exposure time in an image sequence can vary. Such a sequence can be displayed combined as a high dynamic range (HDR) image.</li><li>- trigger delay time is selectable</li></ul>
Software trigger	<ul style="list-style-type: none"><li>- image capture control over data interface (USB 2.0, Gigabit Ethernet etc.)</li><li>- single image capture (single shot) or image sequence capture (multi shot) possible</li><li>- image number in a sequence selectable</li><li>- exposure bracketing possible, i.e. exposure time in an image sequence can vary. Such a sequence can be displayed combined as a high dynamic range (HDR) image.</li></ul>
Time delay trigger	<ul style="list-style-type: none"><li>- generation of image sequences with a selectable time delay between two captures (e.g. for fast motion video clips)</li><li>- time delay can be chosen in a range from milliseconds to days</li></ul>
Event trigger	<ul style="list-style-type: none"><li>- trigger signal release by intelligent image processing, e.g. by monitoring of brightness in a selectable image region of interest (ROI)</li><li>- value, direction and speed of brightness variation are selectable for defining trigger level</li></ul>