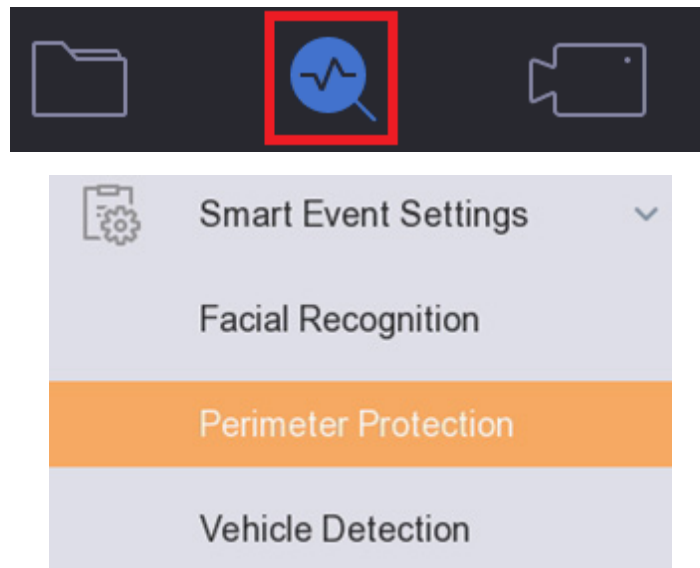# GUI 4.0 – Event Configuration Guide

Camera events are a useful method of capturing incidents and events on a CCTV System, they can be used to notify Apps or Monitoring Stations, or just record footage to save on overall storage space.
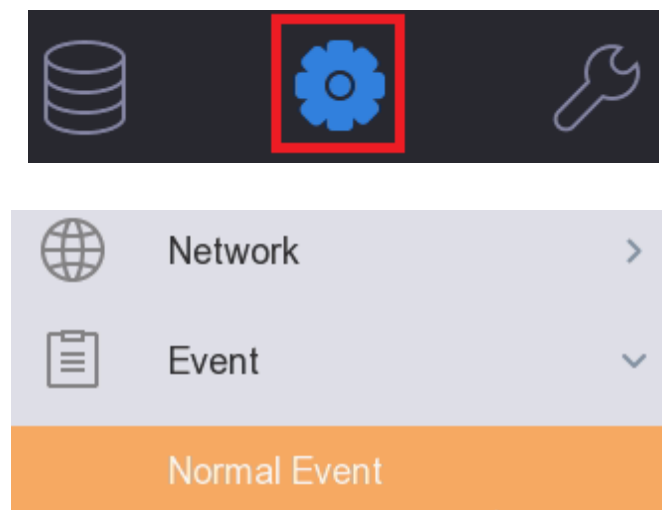
To set up events it would depend on your Recorder.

I Series NVR's Smart Events can be found under Smart Analysis across the top, and then in Smart Event Settings & Perimeter Protection.
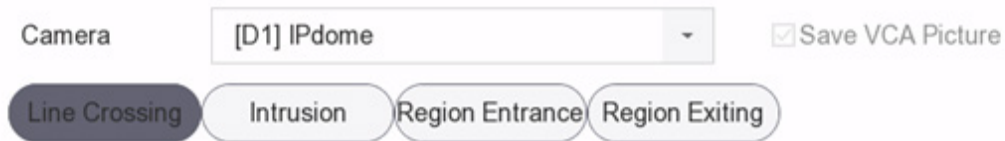

For other recorders and DVR's, they can be found under System, Event and Smart Event

All other events, such as Motion, Exceptions and Alarm Inputs can be found under System, Event and Normal Event
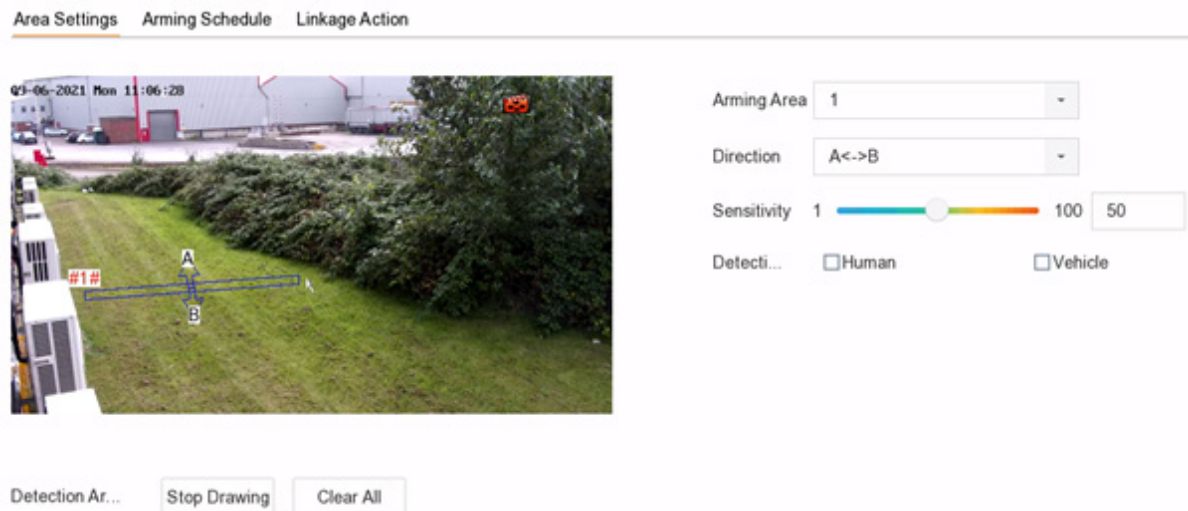
From here we can select a desired event, like below where we've chosen Line Crossing. In here we can choose a channel to configure from the drop down at the top.

With our channel chosen, we need to enable the event in question using the tick box.

From here you can define the area settings, these are done be selecting the 'Start Drawing' option and drawing your Line on the Screen in the Position you want.
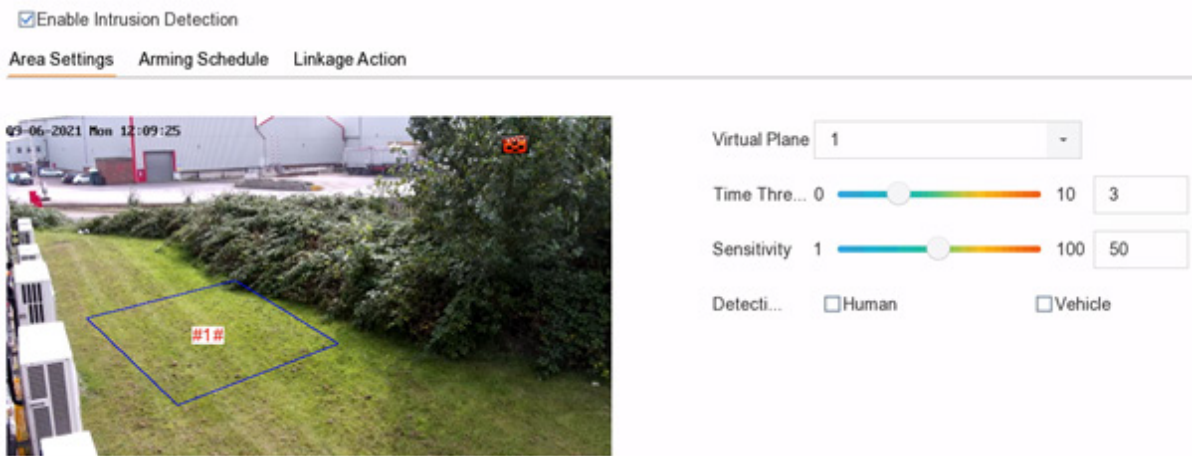

Depending on the Camera, you may be able to set multiple Areas, which allow you to define different lines. You can switch between different areas and define them individually.

With Line Crossing, you can set which direction the object has to move across the line by changing the Direction parameters.
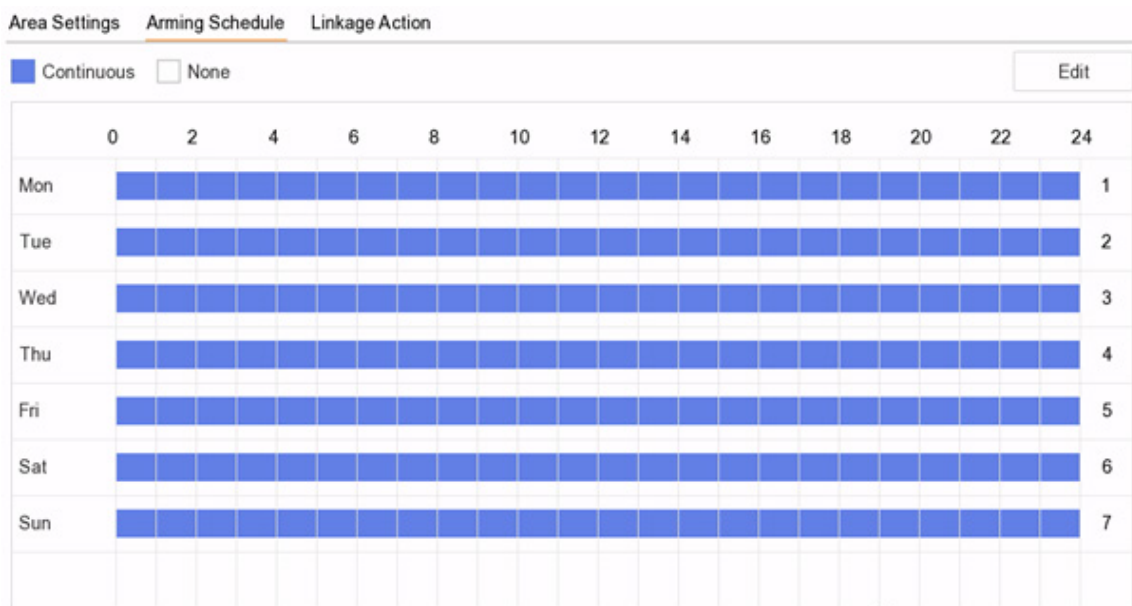
You can increase or decrease the sensitivity by adjusting the Sensitivity Slider or manually inputting a number.

If your camera or recorder supports the option, you can enable Filtering by Human Detection, Vehicle detection or both to have the event only trigger by the respective object and improve overall detection accuracy.

With Intrusion Detection selected, we need to draw a Target area, and the event looks for objects loitering in the defined area. The rest of the settings are the same besides Time Threshold, which waits the defined amount of time before triggering.
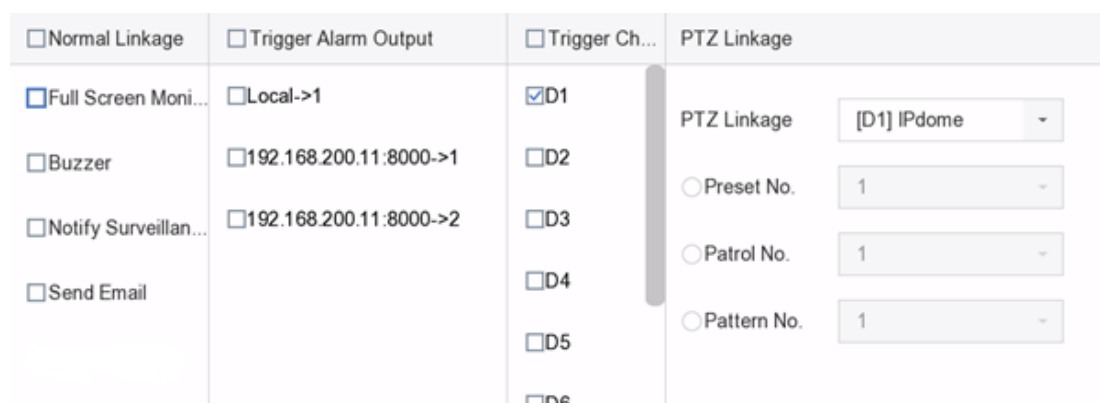

Once the event is configured, you can then adjust the Arming Schedule, which dictates when the event is active.

You can adjust the arming schedule by selecting either 'continuous' to set an armed period, or 'none', to set a disarmed period, and dragging on the calendar. Alternatively, you can click Edit at the Top Right to manually input time periods per day for higher accuracy.

To link actions/triggers from events, you need to configure the Linkage Action as below

Normal linkage relates to warning alerts & notifications:
• Full Screen Monitoring – Full Screens the camera triggered by the event. If multiple cameras
  are selected under trigger channel, it will sequence through them till the event ends.
• Buzzer – Will trigger an audible warning on the recorder
• Notify Surveillance Center – Will send a push notification to the Hik-Connect App
• Send Email – Will send an email as per the email settings configured in the network menu

Trigger Alarm Outputs will trigger physical alarm outputs on the recorder and IP cameras connected to the recorder that support alarm outputs.

Trigger Channel allows you to define what channels are triggered by an event. This allows you to define what cameras show up in Full Screen Monitoring, and also record if the event triggers recording.

PTZ Linkage allows you to link PTZ triggers, such as Presets, Patrols and Patterns to a cameras event.