

Quick installation guide for Camto ARC-detection unit Type 601E0100

This guide allows users to set the Camto ARC-detector unit with the default settings, without using the PC-interface set-up program MSP.

For detailed information on changes in the default settings, please read the main installation manual for the product.

Parts list:

1. ARC-detector unit type 601E0100
2. USB-clips with product documentation
3. 1 meter USB-2 cable

Please note that the sensor unit and cable must be ordered separately, as the number of sensors and cable length depends on the individual installation needs.

Default settings for all four zones:

In order to use the detector unit without using the PC-monitor program, please note that the unit has the following default factory settings:

- | | | |
|---------------------------------------|---|--------------|
| • Detector type | : | ARC detector |
| • Trigger level | : | 8000Lux |
| • Reset trip-coil outputs on Power ON | : | Enabled |
| • Auto self-test function | : | Enabled |
| • Period of self-test | : | 10 minutes |

Quick installation:

Hardware installation:

1. Place the ARC-detector unit on the DIN-rail.
2. Connect the chosen numbers of sensors to the unit, using the wire color for each zone.
3. Connect the cables to all used outputs necessary for your installation. In some cases, it may be relevant to postpone the connection to the trip-coil outputs, as this may cause unwanted actions in your system during the installation process!
4. Make the total sensor wiring on your site.
5. Connect the chosen number of sensors for each zone.
6. Connect the input power cable to the unit.

Power up and test:

1. Make sure that the sensors are placed without surrounding light, as it may trig the detector.
2. Turn On the power to the unit.
3. Check that the green power LED is flashing frequently.
4. Configure the connected sensors to the unit, by pressing the "activate", "test" and "reset" keys at the same time. After these three keys are

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released, the four "pre-detect" LEDs are constantly ON and the "trip-coil" LEDs for the unconnected sensor inputs are constantly flashing and will time out after approximately 3 seconds and the configuration is completed.

- From the front panel each connected sensor can be tested, by holding the "activate" and the "test" keys down at the same time and activating the "select" key for the actual zone and the pre-detect and trip-coil LEDs will be ON and the trip-coil analog outputs will be activated. When the keys are released, the unit will return to normal operation mode. Please be aware of the fact that the latched trip-coil output must be reset manually, by disconnecting the load to the latch output.
- By pressing the "activate" and "reset" keys at the same time, all events are reset.

ARC-sensor unit installation:

A dongle-key will be included in each sensor from the manufacturer; this dongle-key sets the gain and controls the self-test LED on the sensor unit. If a chain connection of sensor units are made, the dongle-key needs to be replaced by a sensor-to-sensor cable as illustrated below and the dongle-key is only used on the last sensor in the chain connection. Please note that the self-test LED is only active on the last sensor in the chain which leads to the fact that the optical self-test only is active on the last sensor in the chain. The connections for the other sensors in the chain are still being tested during the self-test.

Place the sensor unit as close as possible (preferably closer than 1m) to the equipment, which is kept under surveillance and faces the sensor front towards the surveillance point. The viewing angle of the sensor is approx. 120°. Use the two enclosed self-tapping screws for mounting the sensor unit as illustrated below.

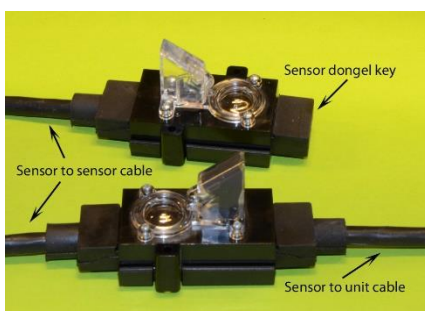


Figure 1: Sensors in chain connection

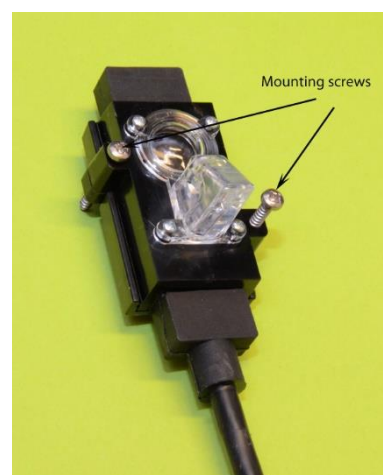


Figure 2: Mounting screws on for the sensor unit