



## Alarm Box

AlarmBox is designed for noisy factory environments where it is hard to hear phone calls. CiTop-IoT has designed this product to fulfill the needs of our industrial clients.

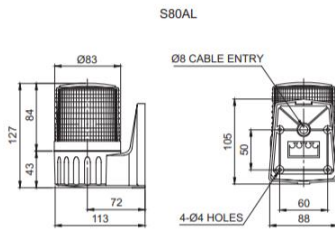
A phone call to e.g. maintenance number(s) can be forwarded to Alarm Box after defined delay. It activates the LED light (Flashing / Steady) and the Buzzer (max. 90dB at 1m). It is automatically deactivated when phone is answered or after defined delay.



Central unit (SIM inside)



### Technical Diagram (Units : mm)



### Mounting Instructions



- 1 Secure the base plate to the mounting surface, and the power line to the terminal block
- 2 Mount the warning light by inserting the ring(hook) into the upper part of the base plate
- 3 Screw in the bolt at the base of the mounting bracket to complete assembly

### Ordering Specification

<b>BZ</b> [Buzzer option]	-	<b>110</b> [Voltage]	-	<b>R</b> [Color]
<ul style="list-style-type: none"> <li>• None</li> <li>• No buzzer</li> <li>• BZ</li> <li>• Built-in buzzer</li> </ul>		<ul style="list-style-type: none"> <li>• 12-DC12V</li> <li>• 24-DC24V</li> <li>• 110-AC110V</li> <li>• 220-AC220V</li> </ul>		<ul style="list-style-type: none"> <li>• R-Red</li> <li>• A-Amber</li> <li>• G-Green</li> <li>• B-Blue</li> </ul>

### AlarmBox - System

#### LED Signal Light Unit

- Equipped with wall mount allows easy assembly
- Build-in buzzer available (max. 90dB at 1m)
- Build-in switch for steady / flashing mode
- Ambient operating temperature: -30°C to +50°C
- Protection rating: IP44
- Compliant with RoHS directive

#### Central Unit

- Intelligent programmable PLC inside
- GSM modem, -antenna and -SIM card inside
- Parameters can be set using text messages
- Phone number identification for security
- Wall mount, IP44, Op. temp: -30°C to +50°C

#### OPTIONS:

- Two light option: Two lights, one with buzzer, first light starts immediately after phone call, second one with the buzzer after defined delay.
- M2M option: Machine(s) equipped with CiTop-IoT's GSM-Unit can call to Alarm Box's central unit to start an alarm so the maintenance can check status of the machine from other interface e.g. IoT-SCADA.

