SITEGUARD

Assembly & Instructions Guide

Version 1.0

Contents

Tower parts list

- Pre-assembled Tower *(incl Charge Controller, Solar Panel, Power Loom)*

- Pre-terminated Hub Power Connector

- Relay Power Connectors *(Red +'ve Black –'ve)*

- 20 x M4 Screws *(Siren & Motion Detector Mounting Screws)*

- 2 x M3 Screws *(DoorProect S Plus Mounting Screws)*

Tools Advised

- Torx TX30 BO screwdriver

- Screwdrivers: PZ1, PZ2, PH1, PH2

- Medium flat blade screwdriver

- Spanners: 10mm, 13mm, 17mm

Ajax Setup Guides

General Guides
Click here to view →

Relay
Click here to view →

DoorProtect S Plus
Click here to view →

Hub 2 4G
Click here to view →

MotionCam Outdoor (PhOD)
Click here to view →

Recommended Ajax Kit

- AJAX Hub2 4G

- 12-24v PSU for Hub2/Hub2 Plus/ReX2

- Dry contact AJAX Relay to control 12-24v *(allows monitoring of voltage)*

- 4 x AJAX MotionCam Outdoor; we suggest installing PhOD devices to ensure full functionality in the event of alert scenarios

- AJAX DoorProtect Plus

- 2 x AJAX StreetSiren

Ajax Kit Preparation

- Install sim card & set up AJAX Hub as per AJAX manuals

- Turn off connection via ethernet once cellular is active

- Install 12v PSU to AJAX Hub

- Set up & pair all devices with AJAX Hub as per **AJAX guidelines**

Please note:

1 To ensure full functionality in the event of alert scenarios it is suggested to install PhOD devices, however MotionCam Outdoor can also be used

2 If MotionCam Outdoor is used functionality will be reduced with only the triggered device sending photo verification.

AJAX
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Lid Removal

- Remove 4 x TX 30 BO screws & Nylon Washers under lid
  (Diagram 1)

- Remove metal lid & solar panel
  (unit will remain connected by charge cable)

- Release 4 x securing screws from lid of IP containment box

- Loosen cable gland to allow cables to move freely

- Remove IP box lid ensuring cables are not stressed

Diagram 1

Hub & Relay Installation

- AJAX Hub to be positioned as per diagram 2;
  secured using predrilled holes & AJAX securing
  screws included with AJAX Hub

- Plug pre-terminated power connecter to AJAX Hub

- Match polarity on AJAX Relay connection
  (Red +'ve Black –'ve)

- Secure AJAX Relay with double sided pad included

Diagram 2

AJAX
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Lid Refitting

- Re-fit IP box lid ensuring no cables are stressed/trapped

- Tighten cable gland

- Re-fit metal lid & solar panel

- Insert & tighten 4 x TX 30 BO screws & Nylon Washers

Battery Installation & Securing

12v AGM/LiFePO4 Battery Required

- ONLY connect battery once AJAX Hub
  & Relay are connected

- Take off door panel side of tower by removing 8 x TX 30
  BO screws & Nylon Washers

- Install battery under retaining clamp & tighten wing nuts

- Affix loom to terminals on battery
  (Observe polarity Red +'ve Black –'ve)

Device Installation

- Drill 4 × 4mm dia. Holes to each detector mounting bracket; as per diagram 3

- Affix detector brackets to mounting points on each side & door panel of tower using included M4 screws; as per diagram 4

- Mount AJAX MotionCam Outdoor PhOD to each detector bracket

- Insert tamper screw as provided with devices to bottom of each AJAX MotionCam Outdoor PhOD

- Detector mounting bracket of door panel includes mounting points to affix AJAX DoorProtect Plus

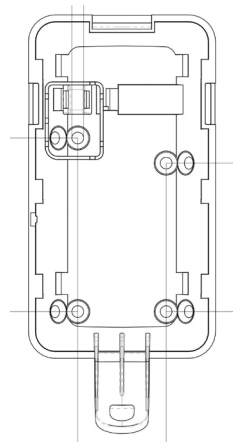- Once all devices are secured, refit door panel & secure with 8 x TX 30 BO screws & Nylon Washers

Diagram 3

Diagram 4

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