



SITEGUARD

Assembly & Instructions Guide

Version 1.0



www.siteguardltd.com

Contents

Tower Parts List & Tools Advised	3
Ajax Setup Guides	4
Recommended Ajax Kit & Preparation	4
Lid Removal	5
Hub & Relay Installation	5
Lid Refitting	6
Battery Installation & Securing	6
Device Installation	7

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 w/ 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.

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 w/ AJAX Hub
- Plug pre-terminated power connector to AJAX Hub
- Match polarity on AJAX Relay connection
(Red +'ve Black -'ve)
- Secure AJAX Relay w/ double sided pad included



Diagram 2

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 w/ 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 w/ 8 x TX 30 BO screws & Nylon Washers

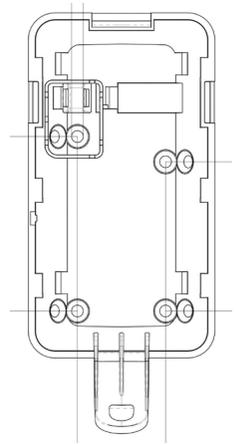


Diagram 3



Diagram 4



SITEGUARD

0300 113 6232

sales@siteguardltd.com

www.siteguardltd.com