

Newton Dot

Smart Extinguisher Hook

The Plexus Newton Dot replaces traditional mounting hardware to integrate fire extinguishers into a supervised monitoring network, transforming standalone units into networked assets.

By monitoring weight and ambient temperature, the Newton Dot issues immediate alerts if equipment is removed or temperature has changed. This provides 24/7 visibility for asset managers, ensuring regulatory compliance and operational readiness while reducing the need for manual inspections.



Technical Specifications

Product Information

SKU	NEWTON-DOT
Description	Networking smart hook for monitoring fire extinguishers
Construction	Polycarbonate and 65Mn Steel
Battery	Replaceable Li-SOCl ₂ Lithium Thionyl Chloride
Dimensions (L x W x H)	68 mm (L) x 70 mm (W) x 80 mm (H)
Weight	0.115 kg
Warranty	3 Years

Operational Information

Operating Temperature	-25 °C to 85 °C
Max Weight	35 KG
Rated Duration	5 years
Connection	BLE - 2.4 G

Compliance

Compliance Marking



Disposal Marking



Installation Guide

Warning: This device is a monitoring aid and does not replace regular physical inspections of fire equipment as required by **AS 1851-2012**.

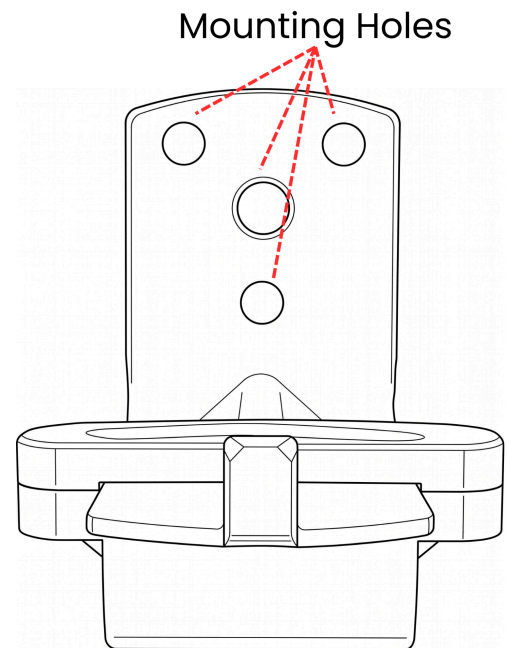
Installation

1. Place the steel backplate against the wall.
2. Drill the provided screws into the available mounting holes.

Note: It is recommended to use at least two screws for mounting.

Commissioning

1. Press the power button on the Newton Dot.
2. Open the Elumen app.
3. Go to your site and refresh for a list of devices.
4. Find the Newton Dot and tap 'Actions'.
5. Under "Commision" tap 'Add'.
6. Assign the Newton Dot to the floor plan of the site.



Notification Configuration

1. Go to Plexus.net and login.
2. Find your site on the site list and click to open the dashboard.
3. On your site, click 'Fixtures' on the left sidebar.
4. Select the Newton Dot you would like to receive notifications from
5. Under 'Notification triggers', select the drop-down of the notification type you would like to receive.
6. Click 'EDIT'.
7. Create a description for your notification, e.g. "Low Extinguisher Weight for Replacement".
8. Click "+ ADD ALERT"
9. Enter the name of your alert.
10. Select the 'Level' of your alert.
11. Select the 'Type' of your alert.
 - a. Min - Trigger when falling below a specified unit.
 - b. Max - Trigger when rising above a specified unit.
 - c. Relative - Trigger when fluctuating within Min/Max boundaries.
12. Select 'Delay' time before notification is triggered.
13. Select 'Threshold' for notification trigger.
14. Select 'Repeat' interval.
15. Click 'SAVE'

Notification Set Up

1. Click the Newton Dot on the device list.

2. Click 'Alerts'.
3. Under 'Subscribers', click on your profile icon (shown as your initials).
4. Subscribe to notification type from 'Critical', 'Warning', or 'Offline' from the '+' icon.
 - a. Select delivery method from 'Email', 'SMS', 'Push'.
 - b. Select what period you would like to receive notifications.