**TAKACHI**

**IOT ENCLOSURES**

**PLASTIC ENCLOSURES**

# 74 Series - Outdoor Rainproof Network Box

## Product Overview

- Cost competitive rainproof outdoor network enclosure

- No rain entry by the seamless construction without gasket

- Enclosure is rated to IP44, but it protects components in its internal upper compartment from rain (when installed vertically)

- ASA material is resistant to deterioration and discolouration from ultraviolet rays. Perfect for use as outdoor communication devices

- Bracket integrated in the rear of the box, with the integral slots designed for pole mounting via belts or clamps, while the hanging keyholes enable enclosure to be secured onto wall hooks or brackets

- PCB or components easily mounted to Tray part, which simply hooks and is secured by one screw to the enclosure, which comes with knock-out holes for wiring

| SPECIFICATION | |
| --- | --- |
| Protection class | IP44 |
| Operating teperature | -30°C to +60°C |
| Recommended torque | 0.3 Nm |
| Material | UV-resistant ASA UL94HB |

## Technical Data

| PART NUMBER | EXTERNAL DIMENSIONS | | | INTERNAL DIMENSIONS | | | KNOCK-OUT HOLES |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | L | W | H | L | W | H | |
| CUE7410WH | 140 | 75 | 35 | 86 | 55.5 | 18.5 | φ5.6 + φ7.2 |
| CUE7420WH | 170 | 100 | 45 | 108 | 79 | 27.5 | φ5.6 + φ7.2 |
| CUE7430WH | 210 | 125 | 55 | 132 | 101 | 37.5 | φ7 + φ10 |

## Standard Unit Includes

| NO. | PART NAME | PIECES | MATERIAL | COLOUR / FINISH |
| --- | --- | --- | --- | --- |
| 1 | Hood | 1 | ASA UL94HB | Off-white / Gloss |
| 2 | Tray | 1 | ASA UL94HB | Off-white / Gloss |
| 3 | Cover | 1 | ASA UL94HB | Off-white / Gloss |
| 4 | Screw | 3 | Stainless steel | Natural finish |

The PCB mounting Tray (2) is secured with a single screw (4) to the main Hood (1), with a clip on access Cover (3).



*CUE7410WH*
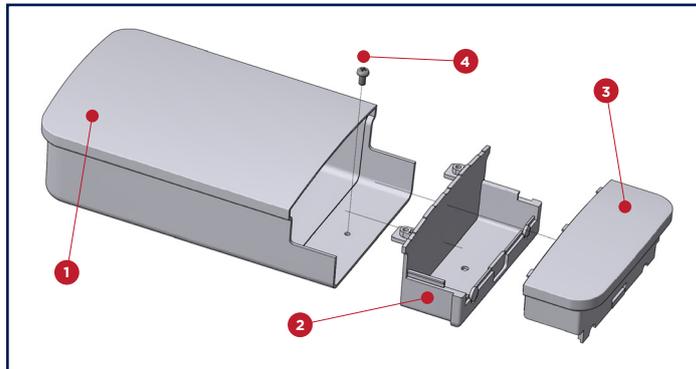


## Technical Drawing
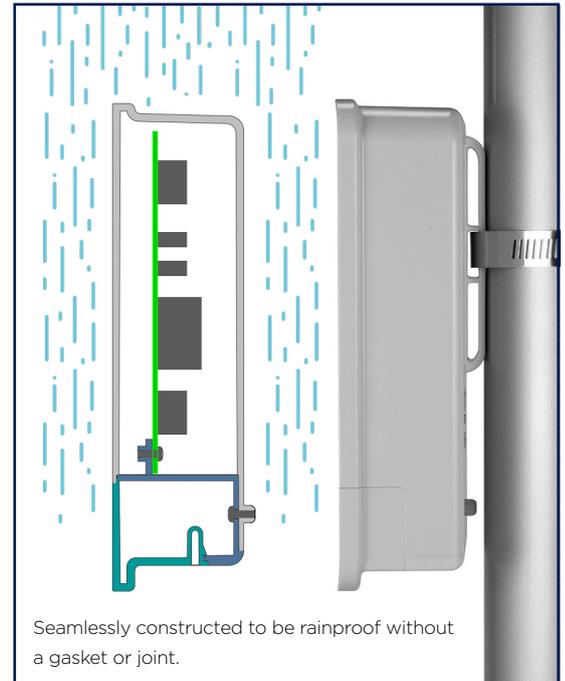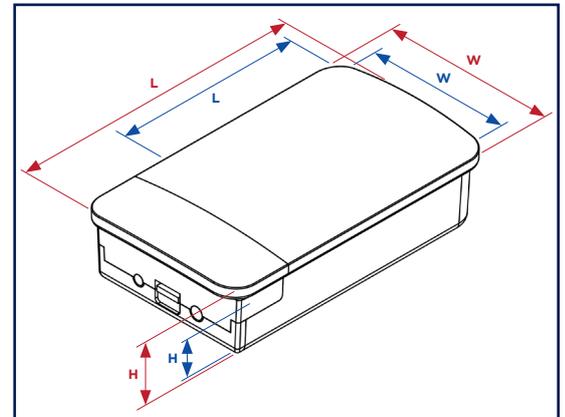




Seamlessly constructed to be rainproof without a gasket or joint.

We operate a constant improvement policy, our products are subject to change without notice.

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## Applications and Industries

Potential uses for the enclosures are as follows: Outdoor enclosure, Rainproof enclosure, UV-protected enclosure, Pole mount enclosure, Access point enclosure, IoT gateway enclosure, LoRaWAN enclosure and much more.

Enclosures can be customised with CNC milling and digital printing to fit your branding and connectivity requirements.







*Pole clamp not included with bracket.*

## PCB Assembly

**1** Fix PCB on the Tray with Screws.

**2** Push Tray and fixed PCB along the grooves inside Hood.





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+44 (0)1638 716101  |  sales@camdenboss.com  |  www.camdenboss.com

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