



# 98 Series - Handheld Small IoT Case

## Product Overview

- Rounded design and compact plastic case ideal for use as IoT devices
- Easy to fit, yet secure and tool-less assembly, via snap together construction
- Despite the small size, ample internal space is achieved by the case's screwless construction
- PCB mounting pillars moulded into the base of the case, suitable for M2 screws
- Flat surfaces enable easy customisation for CNC milling and digital printing
- Ideal for small IoT appliances such as LoRaWAN or SIGFOX power-saving communication devices, RFID or GPS gadgets, or network sensors

### Specification

|                               |                              |
|-------------------------------|------------------------------|
| Protection class              | IP40                         |
| Operating temperature (Black) | -10°C to +60°C               |
| Operating temperature (White) | -30°C to +60°C               |
| Material (Black)              | ABS UL94HB                   |
| Material (White)              | Weather-resistant ASA UL94HB |



## Technical Data

| Part Number | External Dimensions |    |    | Internal Dimensions |      |      | Colour |
|-------------|---------------------|----|----|---------------------|------|------|--------|
|             | L                   | W  | H  | L                   | W    | H    |        |
| CHH9810BK   | 70                  | 45 | 20 | 58.5                | 39.5 | 10.9 | Black  |
| CHH9810WH   | 70                  | 45 | 20 | 58.5                | 39.5 | 10.9 | White  |
| CHH9820BK   | 70                  | 45 | 30 | 58.1                | 39.1 | 20.9 | Black  |
| CHH9820WH   | 70                  | 45 | 30 | 58.1                | 39.1 | 20.9 | White  |
| CHH9830BK   | 90                  | 45 | 20 | 78.5                | 39.5 | 10.9 | Black  |
| CHH9830WH   | 90                  | 45 | 20 | 78.5                | 39.5 | 10.9 | White  |
| CHH9840BK   | 90                  | 45 | 30 | 78.1                | 39.1 | 20.9 | Black  |
| CHH9840WH   | 90                  | 45 | 30 | 78.1                | 39.1 | 20.9 | White  |

## Standard Unit Includes

| NO. | PART NAME | PIECES | MATERIAL                     | COLOUR / FINISH  |
|-----|-----------|--------|------------------------------|------------------|
| 1   | Cover     | 1      | ABS UL94HB                   | Black / Polished |
|     |           |        | Weather-resistant ASA UL94HB | White / Polished |
| 2   | Base      | 1      | ABS UL94HB                   | Black / Polished |
|     |           |        | Weather-resistant ASA UL94HB | White / Polished |

Note: Cover includes a protective film on the top face.

## Applications and Industries

Potential uses for the enclosures are as follows: Small enclosure, Small handheld case, Remote controller enclosures, Key fob enclosure, IoT enclosure, SIGFOX device enclosure and much more.

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

