



# NODE IP66/67 OUTDOOR SENSOR BOX

## PRODUCT OVERVIEW

The Node Series offers compact, sleek enclosures designed specifically for IoT devices, sensors, and edge equipment.

With robust dust and waterproofing (IP66/IP67), impact resistance (IK07), and durable, UV-resistant Polycarbonate (PC) material, these low-profile units ensure reliable performance indoors or outdoors.

Easy installation with concealed screws maintains a neat appearance, and in-house customisation in the UK allows for precise cutouts and branding to match your specific needs.



## KEY FEATURES

### Durable Material

Moulded from Polycarbonate (PC) material rated UL-94 VO and UL-746 fl. Suitable for outdoor use with fire-safety, waterproofing, and UV-resistance.

### IP66 and IP67 Rating

Certified and tested in accordance with IEC 60529, rated for complete dust protection and waterproof against powerful jets and immersion up to 1 meter depth.

### IK07 Rating

Tested in accordance with EN60068, ensuring resistance against up to 2 joules of mechanical impact and shock.

### Concealed Fixing

Rear located screws for fixing base to lid to ensure concealed and secure mounting.

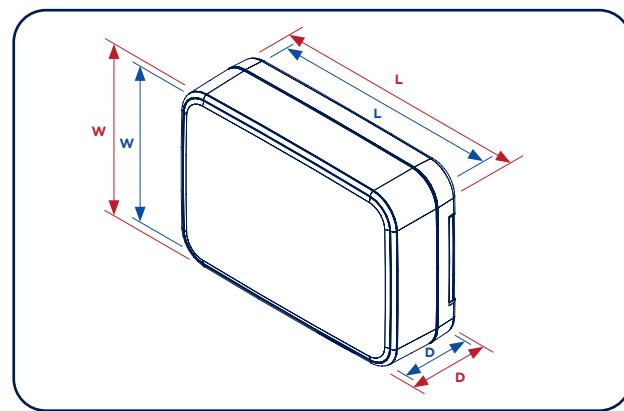
Provides a clear, full-front face for a sleek look and maximum area for additional features or branding.



| SPECIFICATION         |                       |
|-----------------------|-----------------------|
| BASE MATERIAL         | Polycarbonate (PC)    |
| FLAMMABILITY RATING   | UL-94 VO              |
| OUTDOOR SUITABILITY   | UL-746C fl            |
| COLOUR                | Light Grey (RAL 7035) |
| IP RATING (IEC 60529) | IP66 and IP67         |
| IK RATING (EN60068)   | IK-07                 |
| OPERATING TEMPERATURE | -40°C to +110°C       |
| GWFI (IEC 60695-2-12) | 960°C                 |
| GWIT (IEC 60695-2-13) | 850°C                 |
| WALL THICKNESS        | 3mm                   |

| PART NUMBER  | EXTERNAL DIMENSIONS (mm) |     |     | INTERNAL DIMENSIONS (mm) |     |    | WEIGHT (G) |
|--------------|--------------------------|-----|-----|--------------------------|-----|----|------------|
|              | L                        | W   | D   | L                        | W   | D  |            |
|              | CBNODE-01-GY             | 105 | 105 | 40                       | 96  | 96 | 20         |
| CBNODE-02-GY | 135                      | 95  | 40  | 126                      | 86  | 20 | 156.7      |
| CBNODE-03-GY | 155                      | 115 | 40  | 146                      | 106 | 20 | 202        |
| CBNODE-04-GY | 180                      | 140 | 45  | 171                      | 131 | 25 | 271.4      |

| UNIT INCLUDES |                        |     |                 |         |
|---------------|------------------------|-----|-----------------|---------|
| NO.           | PART                   | PCS | MATERIAL        | COLOUR  |
| 1             | Lid                    | 1   | Polycarbonate   | Grey    |
| 2             | Base                   | 1   | Polycarbonate   | Grey    |
| 3             | Gasket                 | 1   | Silicone        | Black   |
| 4             | Bracket (Fitted)       | 2   | Polycarbonate   | Grey    |
| 5             | Brass Inserts (Fitted) | 4   | Brass           | Natural |
| 6             | M3 Captive Screw       | 4   | Stainless Steel | Natural |

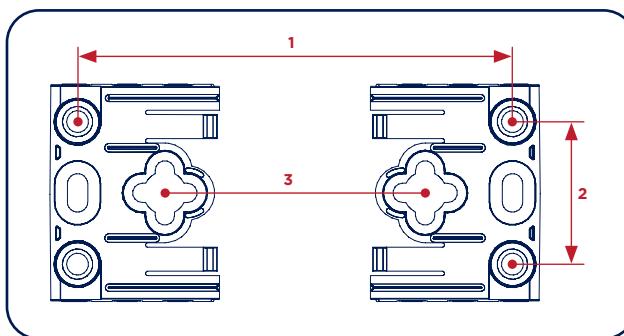




## WALL MOUNTING BRACKET

Included wall mounting bracket that simplifies installation onto walls or surfaces and conceals screws.

| BRACKET FIXING HOLES (mm) |       |    |       |
|---------------------------|-------|----|-------|
| PART NUMBER               | 1     | 2  | 3     |
| CBNODE-01-GY              | 91.5  | 30 | 55    |
| CBNODE-02-GY              | 121.5 | 30 | 84.5  |
| CBNODE-03-GY              | 141.5 | 30 | 104.5 |
| CBNODE-04-GY              | 166.5 | 30 | 129.5 |



## MOUNTING GUIDE

### Step 1

Open brackets into flanged position and screw one side.



### Step 2

Click to the side twice and screw opposite side.



### Step 3

Click back once for concealed wall mounting.  
Repeat steps in reverse to remove the Node from wall.



## POLE MOUNTING ACCESSORY

Available separately, enabling easy installation onto poles, essential for outdoor or elevated installations (excluding Jubilee clamp).

| PART NUMBER    | COMPATIBILITY | KIT INCLUDES                                  | MATERIAL        |
|----------------|---------------|---|-----------------|
| CHDAPM_N01-KIT | CBNODE-01-GY  |   |                 |
| CHDAPM_N02-KIT | CBNODE-02-GY  |   |                 |
| CHDAPM_N03-KIT | CBNODE-03-GY  | Horizontal Bracket Kit<br>(for one enclosure) | Stainless Steel |
| CHDAPM_N04-KIT | CBNODE-04-GY  |   |                 |

Vertical pole mounting accessory available upon request



## APPLICATIONS/INDUSTRIES

Industrial Automation, Telecommunication Systems, Control Panels, IoT Networks, Smart Tech, Environmental Monitoring, Agriculture Sensor, Smart Monitoring, Occupational Sensor, etc.

## IN-HOUSE CUSTOMISATION

Designed, moulded, and customised in-house in the UK from CamdenBoss. CNC machined cutouts, digital printing, and accessories like cable glands and pressure vents are all available.

CBNODE-01-GY | Occupational Sensor



CBNODE-02-GY | Smart Monitor



## RELATED PRODUCTS

