



# 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.



### Wall Mounting

Integrated bracket offers versatile surface mounting options including unique concealed mounting.

### Pole Mounting

Metal pole mounting bracket available that fixes to existing mounting bracket on base. Made from stainless steel for poles of 60mm diameter or larger.

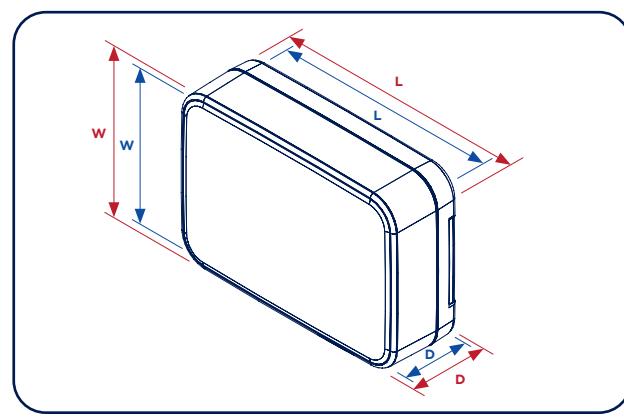
### PCB Mounting

Four (CBNODE-01) or Six (CBNODE-02, 03, 04) PCB mounting pillars inside the lid and base, suitable for 3mm thread forming screws and No. 4 self-tapping screws.

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

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

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	142.7
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

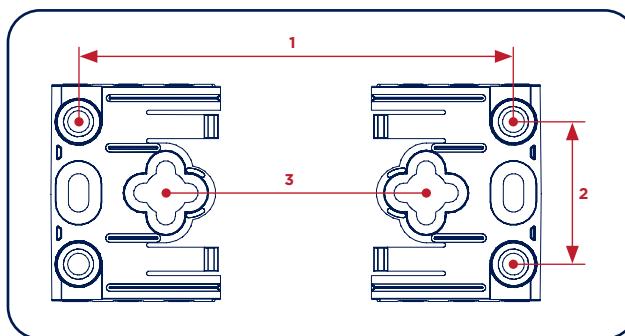




## WALL MOUNTING BRACKET

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.

PART NUMBER	COMPATIBILITY	KIT INCLUDES	MATERIAL
CHDAPM_N01-KIT	CBNODE-01-GY		
CHDAPM_N02-KIT	CBNODE-02-GY		
CHDAPM_N03-KIT	CBNODE-03-GY	1 x Horizontal Bracket, 4 x M4x10 Screws	Stainless Steel
CHDAPM_N04-KIT	CBNODE-04-GY		



## 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

