



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 V0 and UL-746 f1. 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

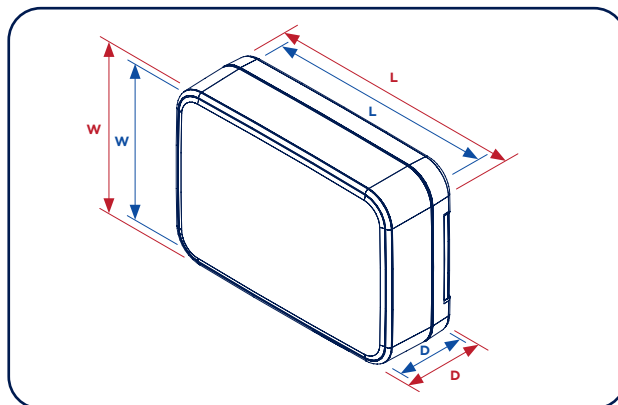
BASE MATERIAL	Polycarbonate (PC)
FLAMMABILITY RATING	UL-94 V0
OUTDOOR SUITABILITY	UL-746C f1
COLOUR	Light Grey (RAL 7035)
IP RATING (IEC 60529)	IP66 and IP67
IK RATING (EN60068)	IK-07
OPERATING TEMPERATURE	-40°C to +110°C
GWFI (IEC 60695-2-12)	960°C
GWIT (IEC 60695-2-13)	850°C
WALL THICKNESS	3mm

PRODUCT RANGE

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

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

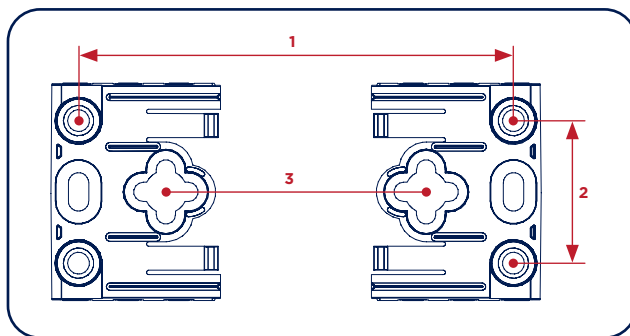




WALL MOUNTING BRACKET

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.

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

