



# HUB IP66/67 WATERPROOF IOT BOX

## PRODUCT OVERVIEW

The Hub Series provides spacious, flexible enclosures ideal for IoT gateways, junction boxes, and DIN rail installations. Featuring certified dust and waterproof ratings (IP66/IP67), IK08 impact resistance, and UV-stable, fire-rated polycarbonate, these units deliver dependable performance indoors and outdoors.

Front-access screws and internal DIN rail mounts simplify installation and maintenance, while UK-based in-house customisation ensures your enclosure perfectly fits your project's requirements.



## KEY FEATURES

### Durable Material

Moulded from Polycarbonate (PC) material rated UL-94 V0 and UL-746 fl. Suitable for outdoor use with fire-safety, waterproofing, and UV-resistance.

### IP66 and IP67 Rating

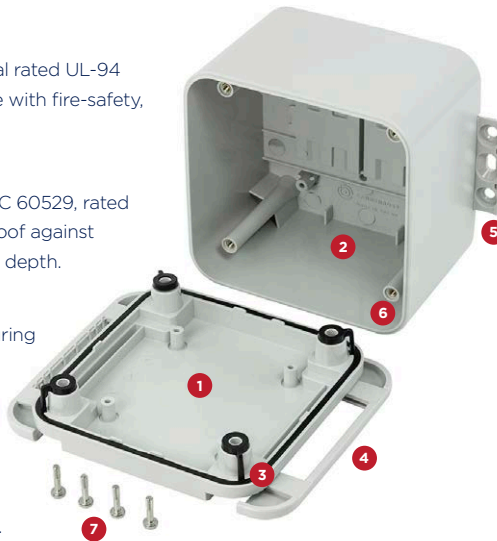
Certified and tested in accordance with IEC 60529, rated for complete dust protection and waterproof against powerful jets and immersion up to 1 meter depth.

### IK08 Rating

Tested in accordance with EN60068, ensuring resistance against up to 5 joules of mechanical impact and shock.

### Easy Maintenance

Front located screws for fixing lid to base for ease of component fitting and maintenance after unit has been mounted. Self-retained, slide out screw covers conceal screws on front.



### 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.

### DIN Rail Installation

Two fixing holes in the inside of the base for internal DIN Rail mounting.

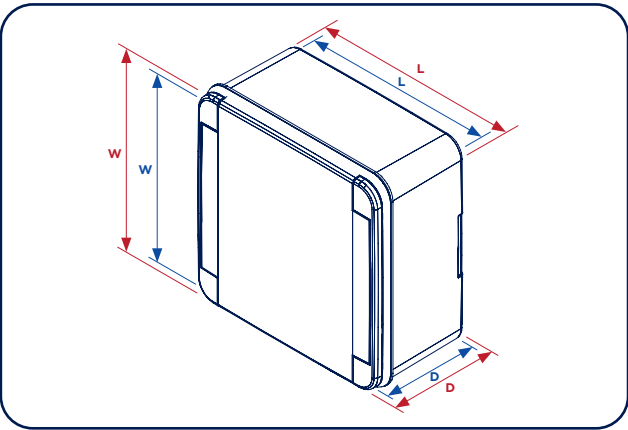
### PCB Mounting

Four 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 fl
COLOUR	Light Grey (RAL 7035)
IP RATING (IEC 60529)	IP66 and IP67
IK RATING (EN60068)	IK-08
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	
CBHUB-01-GY	105	105	80	96	96	57	195.2
CBHUB-02-GY	162	162	80	152	152	57	348.2

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

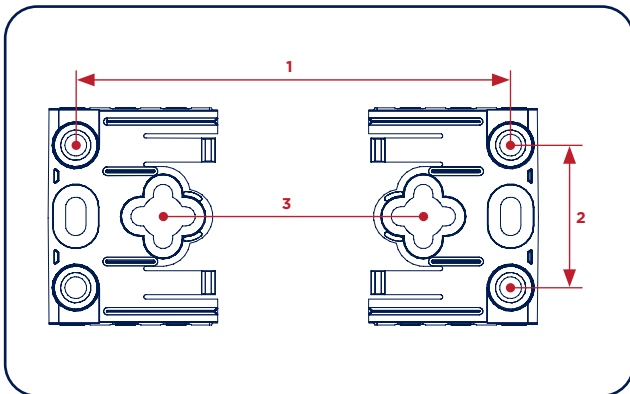




## WALL MOUNTING BRACKET

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

BRACKET FIXING HOLES (mm)			
PART NUMBER	1	2	3
CBHUB-01-GY	90	30	53
CBHUB-02-GY	145	30	108



## 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_H01-KIY	CBHUB-01-GY	1 x Horizontal Bracket, 4 x M4x10 Screws	Stainless Steel
CHDAPM_H02-KIT	CBHUB-02-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.

CBHUB-01-GY | Deep PV Junction Box



CBHUB-02-GY | 5G Gateway



## RELATED PRODUCTS

Node Series	X8 Series	X7 Series	X6 Series	73 Series	Cable Glands	Pressure Vents