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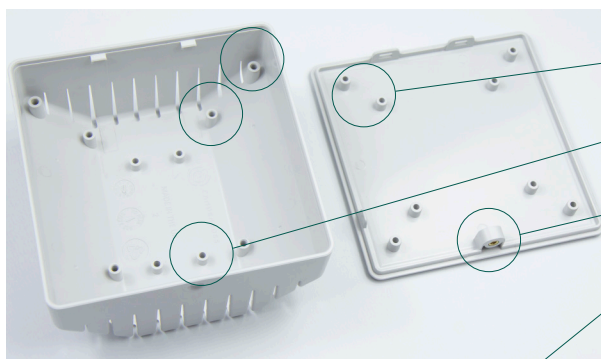
1500 Series Universal Smart Enclosure

Product overview

The UK manufactured 1500 Series Universal Smart Enclosure has a premium quality and modern aesthetic with many features and benefits and is available in black, white or grey with the choice of a solid or vented body. The innovative and versatile 45° angled enclosure and bracket allows it to be mounted directly onto irregular corners and walls. It has multi-level PCB mounting bosses with one level designed to fit development boards such as the Raspberry Pi.



Key features



Multiple PCB mounting points

Designed to accommodate Raspberry Pi boards.

Wall mount bracket mounting points

For attaching the bracket to the back of the enclosure

Secured by a single screw

Allowing for quick and easy assembly

Security screw hole in the bracket

For increased protection against theft

Achieve a 45° mounting angle on any surface

Due to engineered design features

Mount to room corners with ease

With the innovative 45° angled bracket

Simple slide and lock mechanism

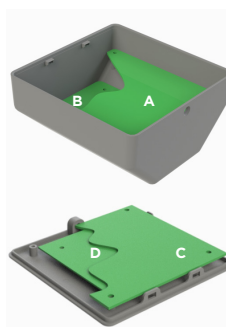
With built in cable entry point

Recessed lid

Perfect for adding digital printing, labels or keypads

PCB positions

DIMENSIONS FOR EACH POSITION				
PCB MOUNTING POSITION		MAX PCB DIMENSIONS	MOUNTING HOLE SPACING	
BASE	A	Upper	93mm x 93mm	85mm x 85mm
	B	Lower	93mm x 65.8mm	58mm x 49mm
LID	C	Upper	91.5mm x 91.5mm	75mm x 75mm
	D	Lower	70mm x 70mm	50mm x 50mm



PART NUMBERS (ENCLOSURE ONLY)

BODY TYPE	GREY (GY)	BLACK (BK)	WHITE (WH)
SOLID	CB1500-10SGY	CB1500-10SBK	CB1500-10SWH
VENTED	CB1500-10VGY	CB1500-10VBK	CB1500-10VWH

PART NUMBERS (KITS)

BODY TYPE	GREY (GY)	BLACK (BK)	WHITE (WH)
SOLID	CB1500-10SGY-KIT	CB1500-10SBK-KIT	CB1500-10SWH-KIT
VENTED	CB1500-10VGY-KIT	CB1500-10VBK-KIT	CB1500-10VWH-KIT

INCLUDED WITH ENCLOSURE ONLY

PART DESCRIPTION	QUANTITY PER KIT
ENCLOSURE (BASE & LID)	1
LID SCREW (M3 x 10 CSK POZI)	1

INCLUDED WITH KIT

PART DESCRIPTION	QUANTITY PER KIT
ENCLOSURE (BASE & LID)	1
LID SCREW (M3 x 10 CSK POZI)	1
45° WALL MOUNT BRACKET	1
WALL MOUNT LUGS	2
LUG SCREWS (NO 4 x 3/8" PAN POZI SELF TAPPING)	2
LUG SCREWS (M3 x 10 CSK POZI)	2
LUG NUTS (M3 FULL NUT)	2
WALL MOUNT SECURITY SCREW (2.9 x 1 SELF TAPPING)	1

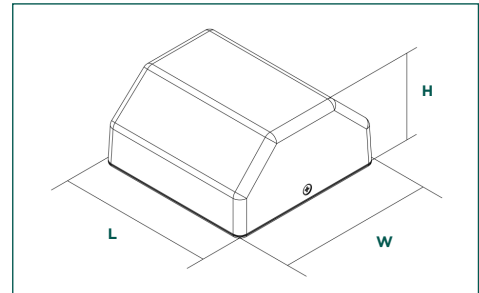


1500 Series Universal Smart Enclosure



INDIVIDUAL SIZE DIMENSIONS		
EXTERNAL DIMENSIONS (LxWxH)	INTERNAL DIMENSIONS (LxWxH)	WALL THICKNESS
100mm x 100mm x 53.2mm	96mm x 96mm x 48.2mm	2mm

RANGE SPECIFICATION				
STANDARD UNIT INCLUDES	1 x base, 1 x lid, 1 x lid screw (M3 x 10 CSK Pozl)			
MATERIALS	Enclosure	UL94-V0 ABS		
	Wall Mount Bracket	UL94-V0 ABS		
	Wall Mount Lugs	UL94-V0 ABS		
	M3 Insert (Lid)	Brass		
	All Screws / Nuts	BZP (Bright Zinc plated Steel)		
COLOURS	Grey	RAL7047		
	Black	RAL9005		
	White	RAL9003		
COMPLIANCE	RoHS compliant			
IP RATING	Vented	IP30		
	Solid	IP40		
OPERATING TEMPERATURE	-10°C to +80°C			
TEST RESULTS	Standard	Test	Result	Test report
	UL94	Flammability	V0	TR101
	EN 62208	Thermal stability	Pass	TR105
	EN 62208	Static loads	200g	TR100
	EN 62208	Marking	Pass	N/A
SCREW TORQUE	Self tapping (security and mounting lugs)		0.2Nm	Max insertions =2
	M3 (Lid and Mounting Lugs)		0.5Nm	Max insertions >1000
PURCHASING INFORMATION	Country of origin		Great Britain (GB)	
	Commodity code		3923101000	
	Weight		87g	
	Enclosure type		Universal	
OPTIONS	For alternative colours and materials MOQs will apply.			



Mounting options include, but are not limited to:

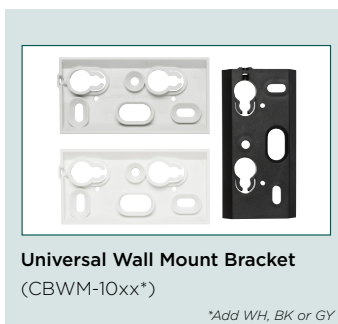
- Corner mounting (ceiling to wall / wall to wall)
- Irregular walls or corners
- 45° angled up / down / left / right
- Mounted flat to a wall or surface
- Desk mounted at 45°



Potential industries / applications

Safety monitoring, door entry control, security sensors, social distance monitoring, air detection and more.

Accessories



Customisation options

Digital printing, screen printing, machining / drilling and engraving.



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