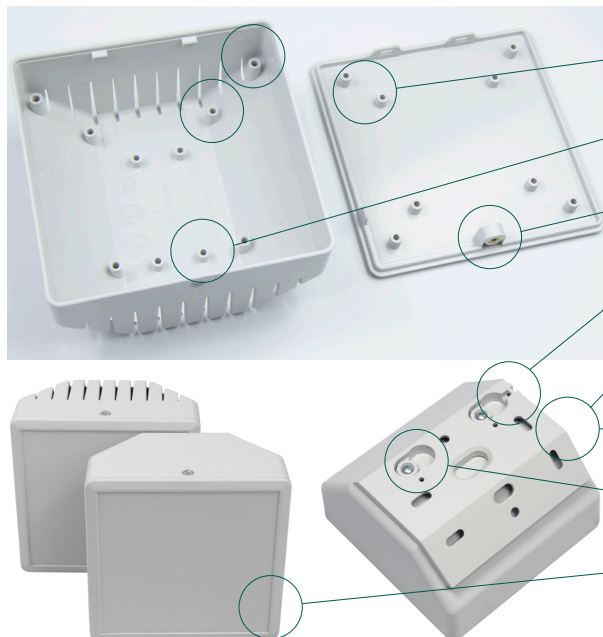**PLASTIC ENCLOSURES**

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.
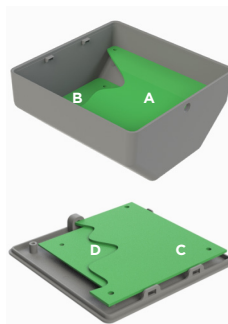
Key features

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	CBS1500-10SWH
VENTED	CB1500-10VGY	CB1500-10VBK	CBS1500-10VWH

PART NUMBERS (KITS)			
BODY TYPE	**GREY (GY)**	**BLACK (BK)**	**WHITE (WH)**
SOLID	CB1500-10SGY-KIT	CB1500-10SBK-KIT	CBS1500-10SWH-KIT
VENTED	CB1500-10VGY-KIT	CB1500-10VBK-KIT	CBS1500-10VWH-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 I SELF TAPPING)	1

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We operate a constant improvement policy, our products are subject to change without notice.

Vers 2

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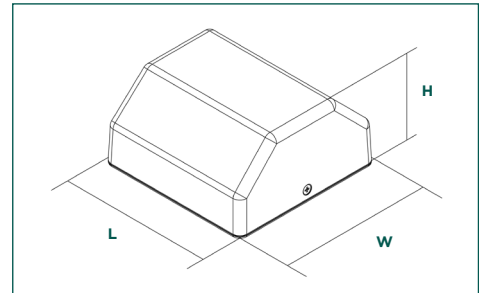
FM 28614

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 Pozi)	
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	0.087g
	Enclosure type	Universal
OPTIONS	For alternative colours and materials MOQs will apply.	

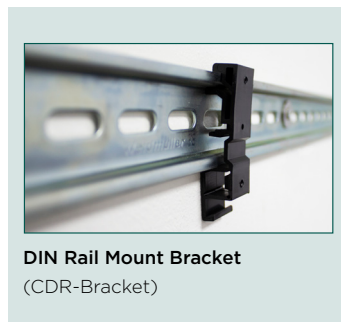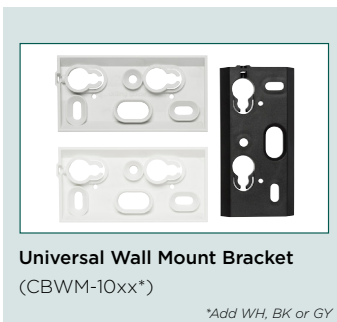## Mounting options include, but are not limited to:

- 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

Universal Wall Mount Bracket
(CBWM-10xx*)

Add WH, BK or GY

DIN Rail Mount Bracket
(CDR-Bracket)

Customisation options

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