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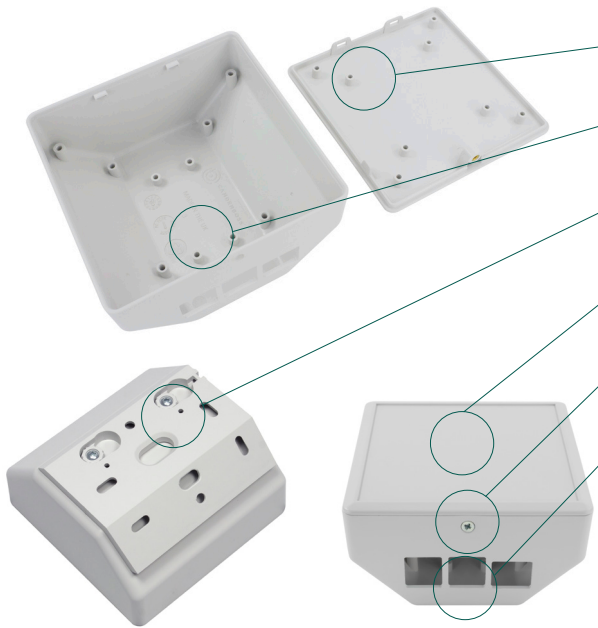ENCLOSURES

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1500 Series Pi Ready Universal Smart Enclosure

Product overview

The UK manufactured 1500 Series Pi Ready Universal Smart Enclosure kit has been customised to accommodate Raspberry Pi boards. It has a premium quality and modern aesthetic with many features and benefits and is available in black, white or grey. This innovative and versatile 45° angled enclosure and bracket allows it to be mounted directly onto irregular corners and walls.

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

Mount to walls or corners with ease
With the innovative 45° angled bracket

Recessed lid
Perfect for adding digital printing, labels or keypads

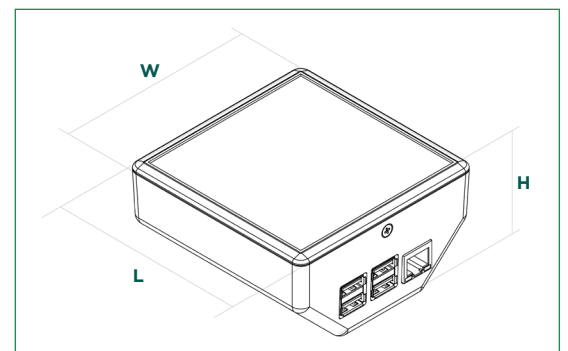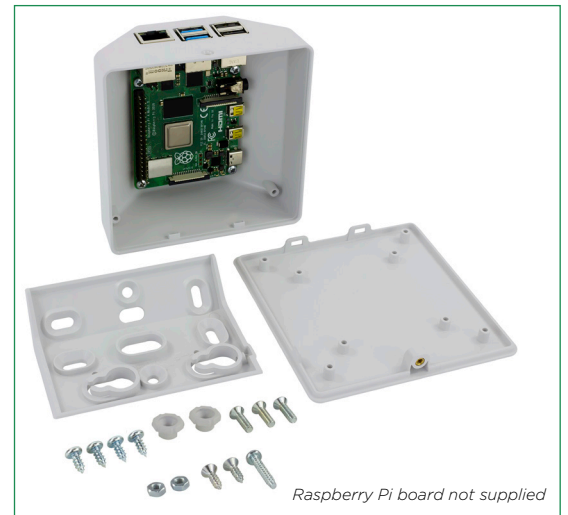**Secured by a single screw**
Allowing for quick and easy assembly

Raspberry Pi cutouts
RJ45 and USB cutouts, allowing for quick and easy assembly*

PART NUMBERS		
GREY (GY)	**BLACK (BK)**	**WHITE (WH)**
CB1500-10SGY-KIT-Pi4	CB1500-10SBK-KIT-Pi4	CB1500-10SWH-KIT-Pi4

INCLUDED WITH KIT	
PART DESCRIPTION	**QUANTITY PER KIT**
Enclosure (base and lid)	1
Lid screws (M3 x10mm CSK Pozi)	1
Lug screws (2 x No 4 x 3/8" Pan Pozi self tapping & 2 x M3 x10mm CSK Pozi)	4
Wall mount lugs	2
Lug nuts (M3 full nut)	2
45° wall mount bracket	1
Wall mount security screw (No. 4 x 5/8" self tapping)	1
Pi mounting screws (No 4 x 1/4" Pan Pozi)	4

Raspberry Pi board not supplied

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

*Designed for PoE power supply, side cutouts for USB power and HDMI (not included). Custom versions available upon request

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Mounted using DIN Rail mount bracket accessory

RANGE SPECIFICATION		
KIT INCLUDES	1 x base, 1 x lid, 1 x lid screw, 1 x wall mount bracket, 2 x wall mount lugs, 4 x lug screws, 2 x lug nuts (M3 full nut), 1 x wall mount security screw, 4 x Pi mounting screws	
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	IP30	
OPERATING TEMPERATURE	-10°C to +80°C	

	Standard	Test	Result	Test report
TEST RESULTS	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	Development board
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
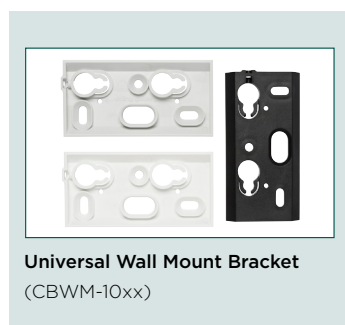
- Desk mounted at 45°

Potential industries / applications

Safety monitoring, door entry control, security sensors, social distance monitoring, Pi camera, Pi screen, IoT and more.

Customisation options

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

Accessories

Universal Wall Mount Bracket
(CBWM-10xx)

DIN Rail Mount Bracket
(CDR-Bracket)

PLASTIC ENCLOSURES

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