268 HANDHELD CASES
292 UNIVERSAL ENCLOSURES
318 HEAVY DUTY AND ELECTRICAL ENCLOSURES
342 DESKTOP AND INSTRUMENT CASES
348 DEVELOPMENT BOARD ENCLOSURES
367 VERSATILE IOT AND SENSOR ENCLOSURES
370 CUSTOM SIZED ENCLOSURES

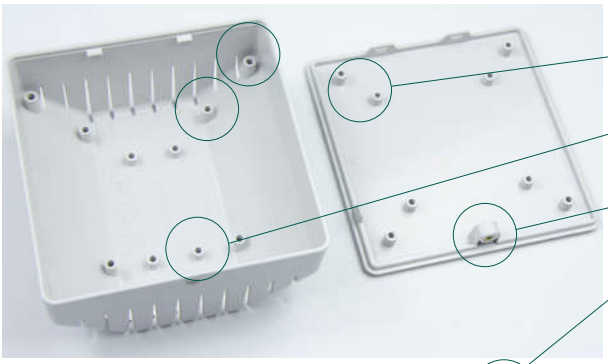
1500 Series Universal Smart Enclosure

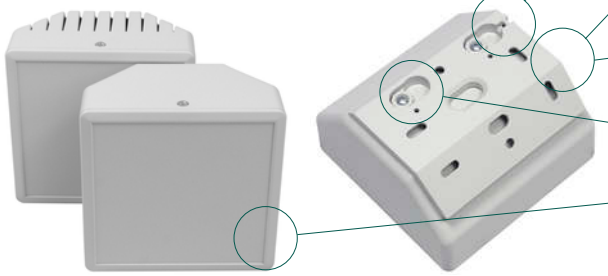
Product overview

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

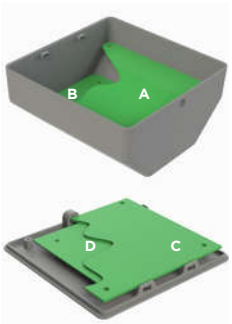
Mount to room corners with ease
With the innovative 45° angled bracket

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

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

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 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



+44 (0)1638 716101 | sales@camdenboss.com | www.camdenboss.com

We operate a constant improvement policy, our products are subject to change without notice.
Vers 2
bsi ISO 9001 Quality Management Systems CERTIFIED
FM 28614

268 HANDHELD CASES
292 UNIVERSAL ENCLOSURES
318 HEAVY DUTY AND ELECTRICAL ENCLOSURES
342 DESKTOP AND INSTRUMENT CASES
348 DEVELOPMENT BOARD ENCLOSURES
367 VERSATILE IOT AND SENSOR ENCLOSURES
370 CUSTOM SIZED ENCLOSURES
PLASTIC ENCLOSURES

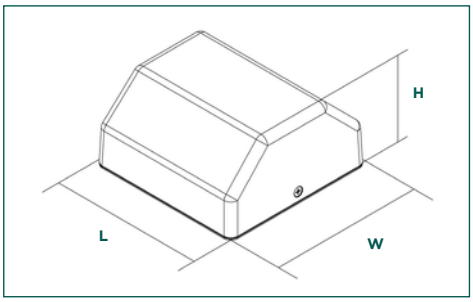
1500 Series
Universal Smart Enclosure







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:

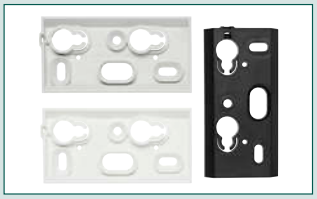
- Corner mounting (ceiling to wall / wall to wall)
- Irregular walls or corners
- 45° angled up / down / left / right
- Mounted flat to a wall or surface
- Desk mounted at 45°



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.



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