Datasheet

RS PRO - Industrial Raspberry Pi 3 Enclosure - Black
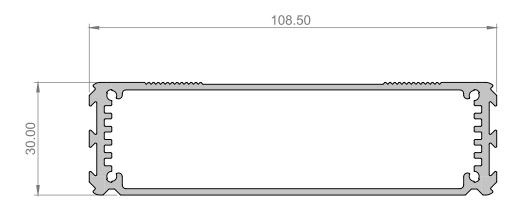
Stock number: 195-1528

EN

Features:

- Industrial Raspberry Pi enclosure with passive extender board to move the HDMI and Micro USB connectors onto the same plane as the Raspberry Pi Ethernet and USB connectors.
- The box features dovetail slots down the side which accept a mounting bracket for surface mounting.
- Supplied in kit form - Raspberry Pi not included.

Kit Contents:

8 x M3x10 Taptite Screws
14 x M3x5 Screws
4 x 12mm Standoffs
3 x 8mm Standoffs
1 x Aluminium End Plate
1 x HDMI Extender PCB
1 x Aluminium Carrier Plate
1 x Aluminium Extrusion - 86.5mm long
1 x Acrylic End Plate

Datasheet

Product Description:

RS PRO - Industrial Raspberry Pi 3 Enclosure - Black

Industrial Raspberry Pi enclosure with passive extender board to move the HDMI and Micro USB connectors onto the same plane as the Raspberry Pi Ethernet and USB connectors.
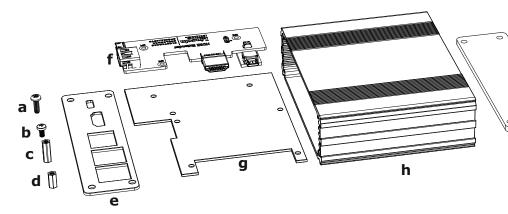Availble in Silver or Black anodised finish. Available with optional mounting lugs.

Specifications:

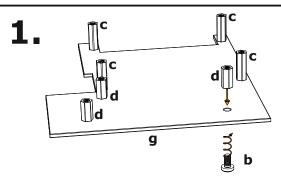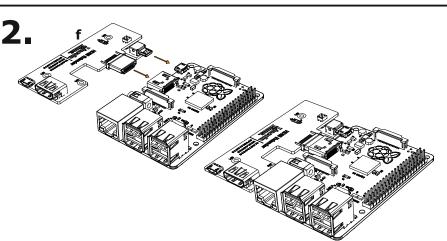| Item	Material	Finish	Weight
M3x10 Taptite Screws	Steel	Zinc/Black	4.9g (qty 8)
M3x5 Screws	Steel	Zinc	4.1g (qty 14)
12mm Standoffs	Nylon	Natural	0.9g (qty 4)
8mm Standoffs	Nylon	Natural	0.5g (qty 3)
Aluminium End Plate	Aluminium 5005	Black Anodised	9.7g
1 x HDMI Extender PCB	FR4	Green	15g
1 x Aluminium Carrier Plate	Aluminium 5005	Raw Aluminium	23.5g
1 x Aluminium Extrusion	Aluminium 6063	Black Anodised	130g
Acrylic End Plate	Acrylic	Black	11.9g

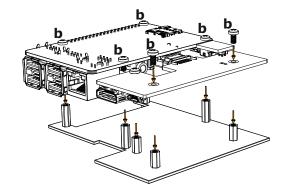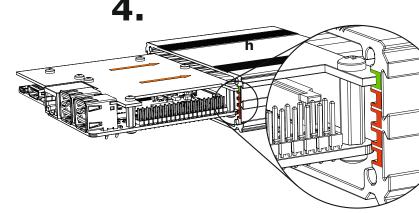# Assembly Instructions

Kit Contains:

(a) x8 M3x10 Taptite Screws
(b) x14 M3x5 Screws
(c) x4 12mm Standoffs
(d) x3 8mm Standoffs
(e) x1 Aluminium End Plate
(f) x1 HDMI Extender PCB
(g) x1 Aluminium Carrier Plate
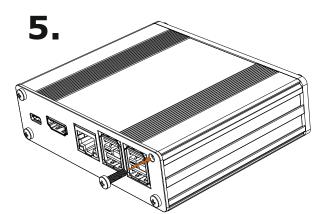(h) x1 Aluminium Extrusion
(i)x1 Acrylic End Plate

1. Take carrier plate (**g**) & attatch standoffs (**c**) & (**d**) with screws (**b**).

2. Plug extender board (**f**) into the HDMI & USB connectors on the Raspberry Pi board.

3. Place Raspberry Pi & extender on carrier plate assembly & secure with screws (**b**) as shown.

4. Turn board assembly over so carrier plate is on top & slide into top slot of extrusion (**h**) as shown.

5. Attach aluminium (**e**) & acrylic (**i**) end plates to extrusion (**h**) with screws (**a**).