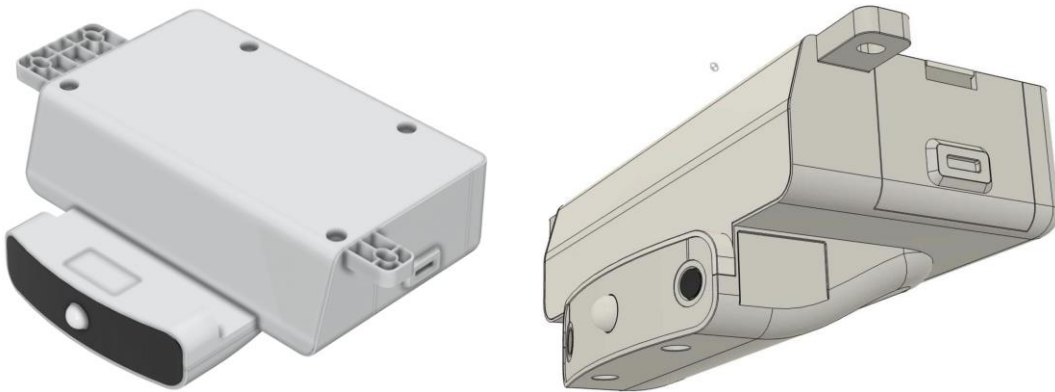




# ParSEC

## MK1 and MK2 Declaration




**Target Corporation India Private Limited**  
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**Review and Approval History:**

Prepared by / Date	Reviewed by / Date
Sandeep Tammana / 25Apr2022	Sunay Narkar / 26Apr2022
Sandeep Tammana / 26Sep2022	Sunay Narkar / 26Sep2022

Approved by / Date	Signature
Oct 10, 2022	 James Ostergaard (Oct 10, 2022 18:48 CDT)

**Revision History:**

Version	Date	Description of Changes	Author
0.1	11 Apr 2022	Initial Draft	Sandeep
1.0	12 Apr 2022	Updated the review comments.	Sandeep
2.0	18 Jul 2022	Added additional info related to MK2 enclosure	Sandeep
3.0	26 Sep 2022	Updated the comparison with respect to RF section	Sandeep

**Declaration on ParSEC MK1 and MK2 Enclosure Differences**

Following are the brief differences between MK1 and MK2 enclosures

Difference	MK1 (Enclosure type 1)	MK2 (Enclosure type 2)
Mode Number	SEC01DL	SEC01DL
Color	Same	Same
Dimension	144mm x 128 mm x 54 mm (approx.)	144mm x 90 mm x 67 mm (approx.)
Reason for different enclosure type.	Updated the enclosure from MK1 to MK2 mainly for improving aesthetic look. Also considered feedback to improve the enclosure for easy mounting option.	

Hardware is exactly same between MK1 and MK2


Difference	MK1 (Enclosure type 1)	MK2 (Enclosure type 2)
Mode Number	SEC01DL	SEC01DL
Schematic	Same	Same
PCB	Same	Same
RF Module	Same (ESP32-WROVER-E)	Same (ESP32-WROVER-E)
Antenna	Same (PCB Antenna)	Same (PCB Antenna)
BOM	Same	Same

**Important Note:** MK1 and MK2 differences are only in the mechanical enclosure and there are no changes in Hardware / Firmware.



# ParSEC

## MK1 and MK2 Declaration

Product name	Product Model	ParSEC Enclosure 1 Type (MK1)	ParSEC Enclosure 2 Type (MK2)
ParSEC (Parallel Shelf Edge Camera)	SEC01DL	<p>Material Type: <b>ABS (For Production) / Nylon PA12 (only for MJF 3D printing)</b></p> <p>Material Thickness: <b>1.5 mm +/- 0.1mm</b></p> <p>Color: <b>PANTONE- 11-4202 TCX</b></p> <p>Dimension (L*W*H) mm: <b>144mm x 128 mm x 54 mm (approx.)</b></p> <p><b>MK1 Enclosure</b></p>  <p><b>ParSEC module mounted on the shelf:</b></p>   <p><b>Mounting options:</b></p> <ol style="list-style-type: none"> <li>With an additional Buffer to bring the enclosure down in the shelf:</li> </ol> 	<p>Material Type: <b>ABS (For production) / Nylon PA12 (only for MJF 3D printing)</b></p> <p>Material Thickness: <b>2.0 mm +/- 0.1 mm</b></p> <p>Color: <b>PANTONE- 11-4202 TCX</b></p> <p>Dimension (L*W*H) mm: <b>Changes in the front camera portion. 144mm x 90 mm x 67 mm (approx.)</b></p> <p><b>MK2 Enclosure:</b></p>  <p><b>MK2 enclosure mounted on the shelf:</b></p> 

Please Provide the detailed Description:

- Why the product needs to have different enclosure?  
We are collecting inputs and designing a better enclosure with easy mounting option, wider view of the products in the opposite shelf considering different types of shelves and option to change the price rail easily while the ParSEC is mounted on the shelf.  
We will also attain feedback from store post pilot installation and the suitable enclosure model will be selected for the production.
- What is the difference between each enclosure type?  
The differences are mainly with respect to the mounting and the dimensions of the front (Camera) portion of the enclosure. It is for improving aesthetic look.

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