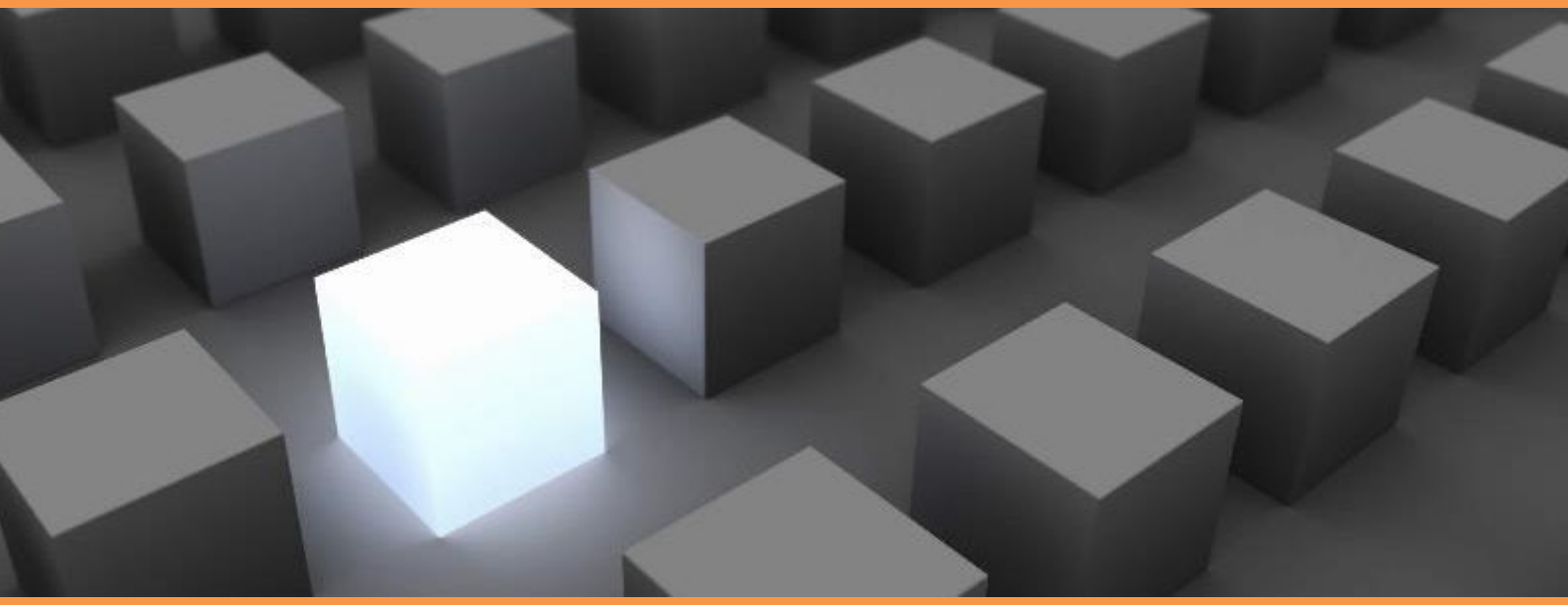
SYMEO LOCAL POSITIONING RADAR

Product: LPR®-1DHP-350 (Symeo BSX300350)

DOC.EDO.000594.WORK
LPR-1DHP-350 Photographs for Certification

CONFIDENTIAL



Content

1 GENERAL INFORMATION 4

2 EXTERNAL PHOTOGRAPHS 4

3 INTERNAL PHOTOGRAPHS 6

3.1 PCB Stack 6

3.2 PLB102932 Mainboard 7

3.3 PLB102266 Processor Board 8

3.4 Housing 9
3.4.1 Upper part (plastic) 9
3.4.2 Lower part (Aluminum) 10

3.5 Device Assembly 12

CONFIDENTIAL

Copyright © SYMEO GmbH 2023

The documentation for the LPR®-1DHP-291 Local Positioning Radar System is published by:

SYMEO GmbH
Prof.-Messerschmitt-Str. 3

D-85579 Neubiberg
www.symeo.de

If you have any questions or suggestions, please contact:

Email: info@symeo.com
phone: +49 89 660 7796 0

Copyright © Symeo GmbH 2022
All rights reserved

HISTORY

Version	Date	Description
0001	26.03.2023	Initial release (DB)

SYMBOLS USED

The following symbols are used throughout the documentation:

Warning	This symbol appears before instructions that must be followed at all times. Failure to comply with these instructions will result in personal injury.
Caution	This symbol appears before instructions that must be followed at all times. Failure to comply with these instructions will result in damage to equipment.
Note	This symbol appears before information of particular importance.

All rights reserved, particularly those relating to the translation, reprinting, and reproduction by photocopying or similar processes of all or part of the documentation.

All rights reserved, particularly for purposes of the award of patents or submission of utility models.

Delivery options and technical changes reserved.

Published by SYMEO GmbH

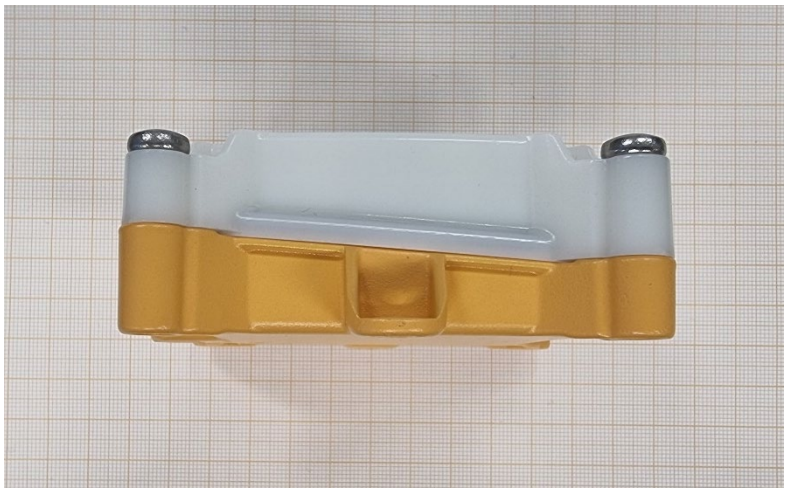
1 General Information

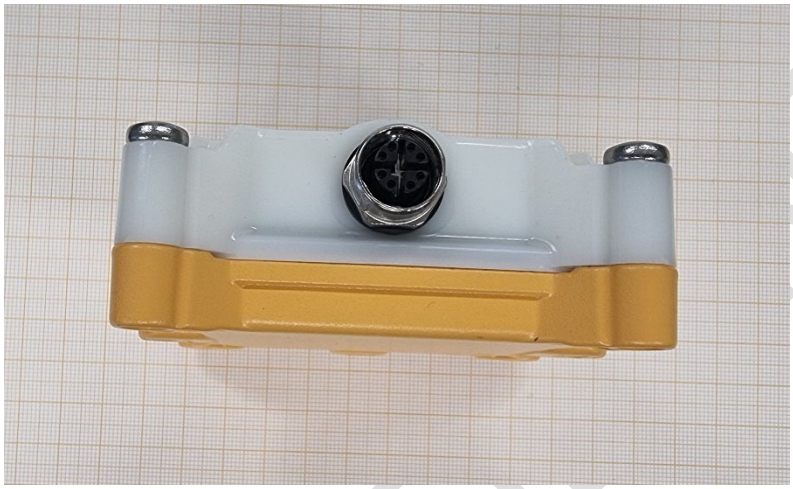
Symeo's LPR-1DHP-350 devices are distance measurement systems. They use the well-known FMCW radar principle to measure the distance to reflective targets (primary mode) or between two devices (Master/Slave mode).

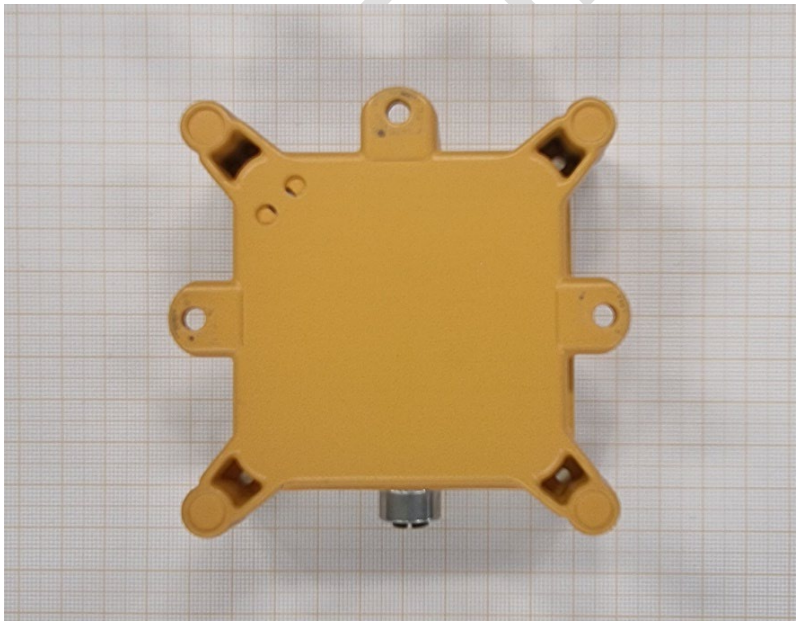
This document provides external photographs of the devices and internal photographs of the PCBs.

2 External Photographs

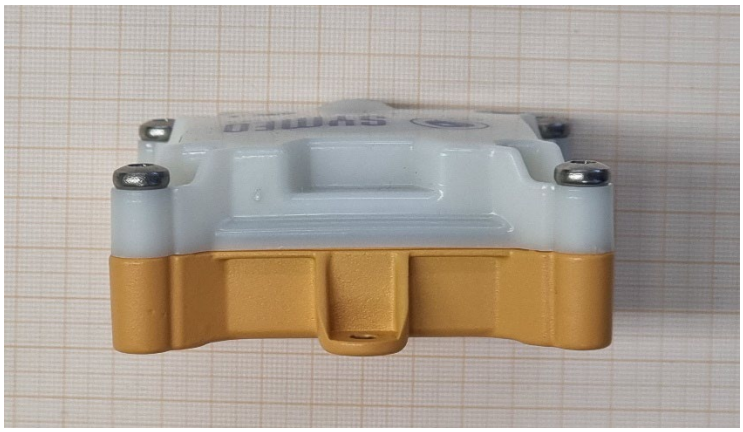
Copyright © SYMEO GmbH 2023





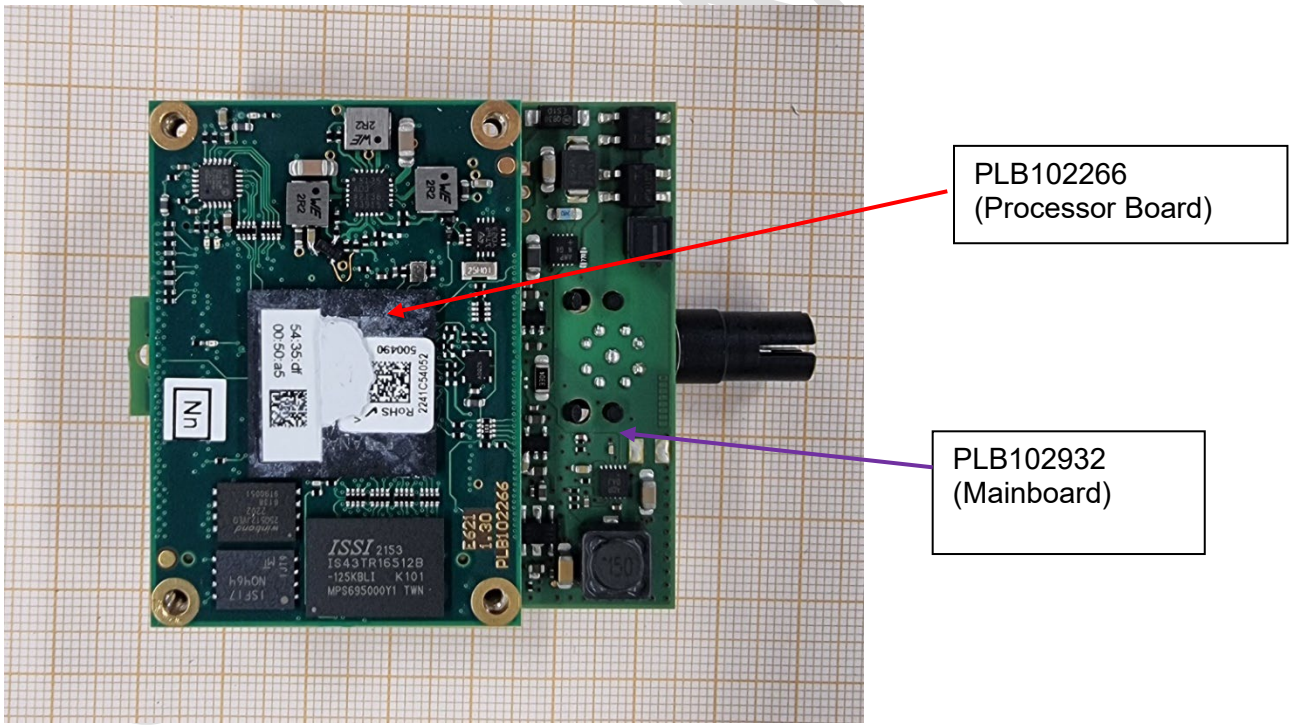


Copyright © SYMEO GmbH 2023



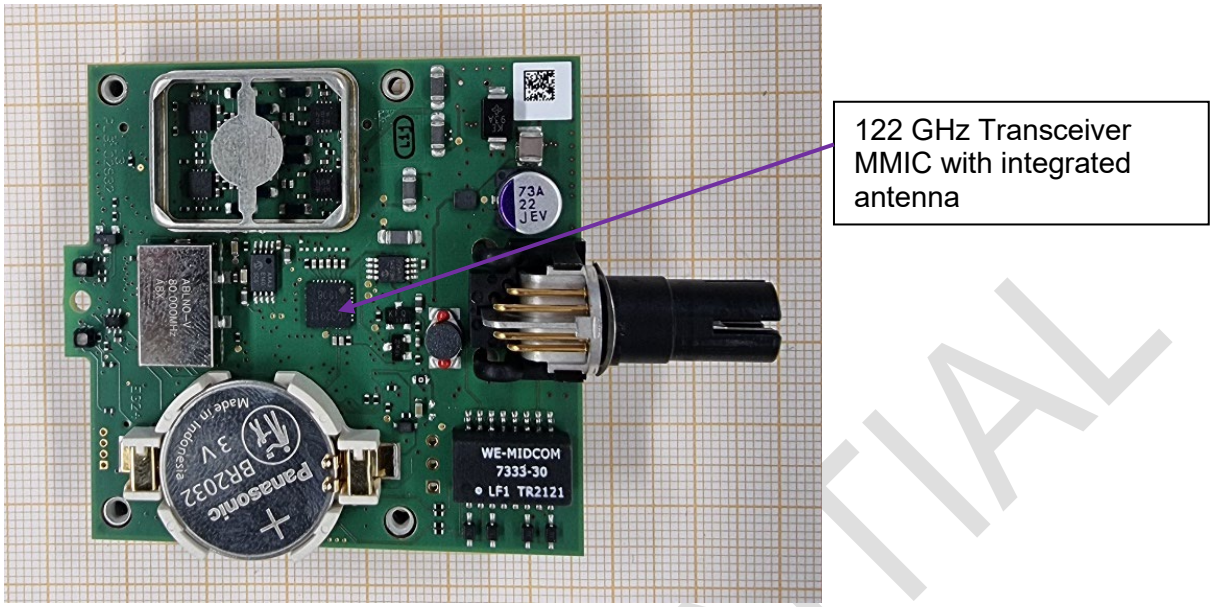
3 Internal Photographs

3.1 PCB Stack



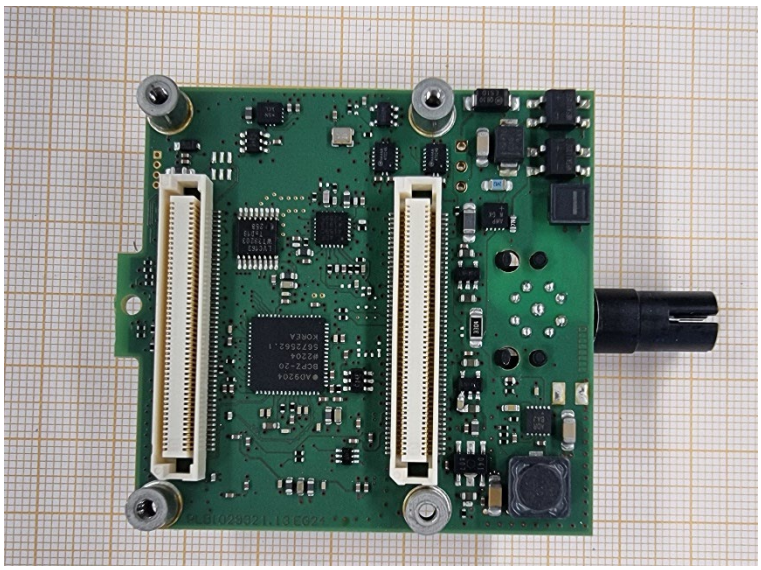
Copyright © SYMEO GmbH 2023

3.2 PLB102932 Mainboard

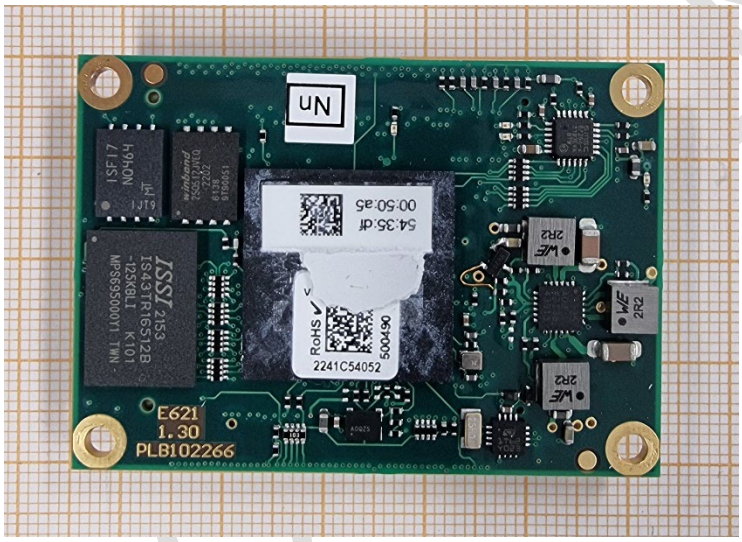


CONFIDENTIAL

Copyright © SYMEO GmbH 2023

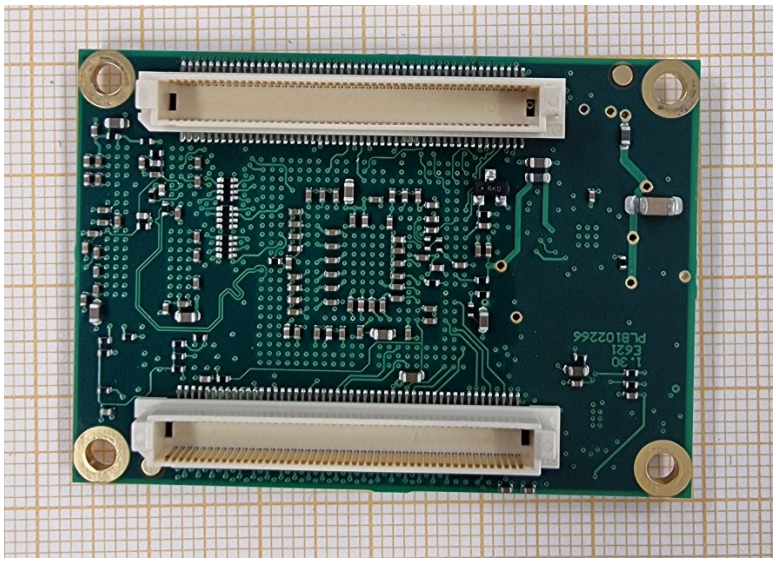


3.3 PLB102266 Processor Board



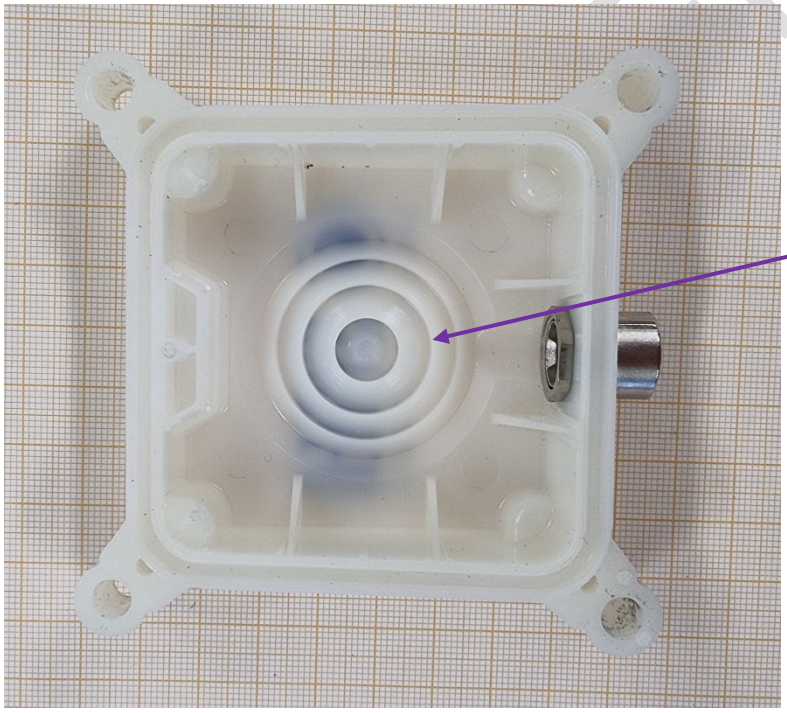
CONFIDENTIAL

Copyright © SYMEO GmbH 2023



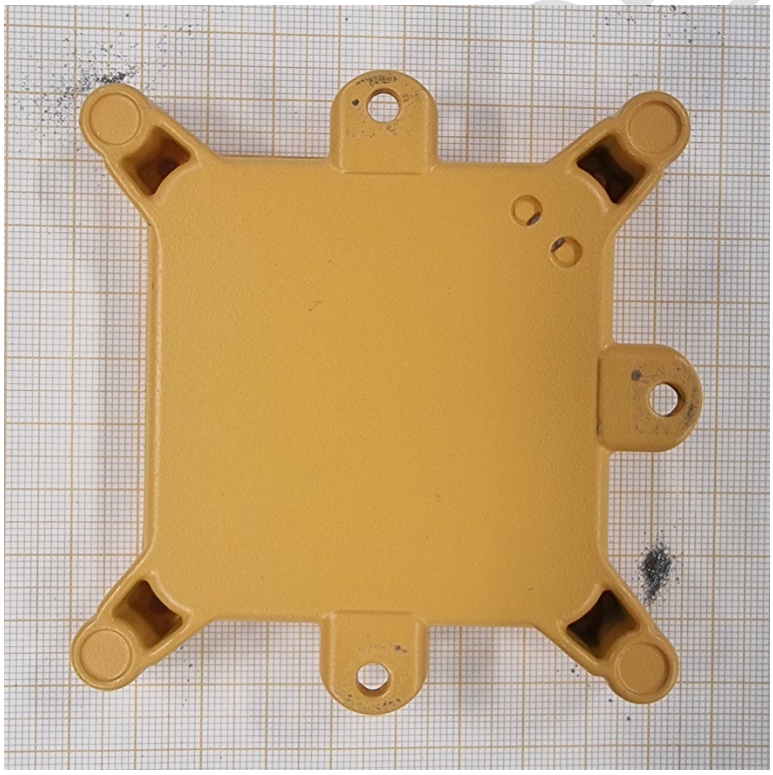
3.4 Housing

3.4.1 Upper part (plastic)

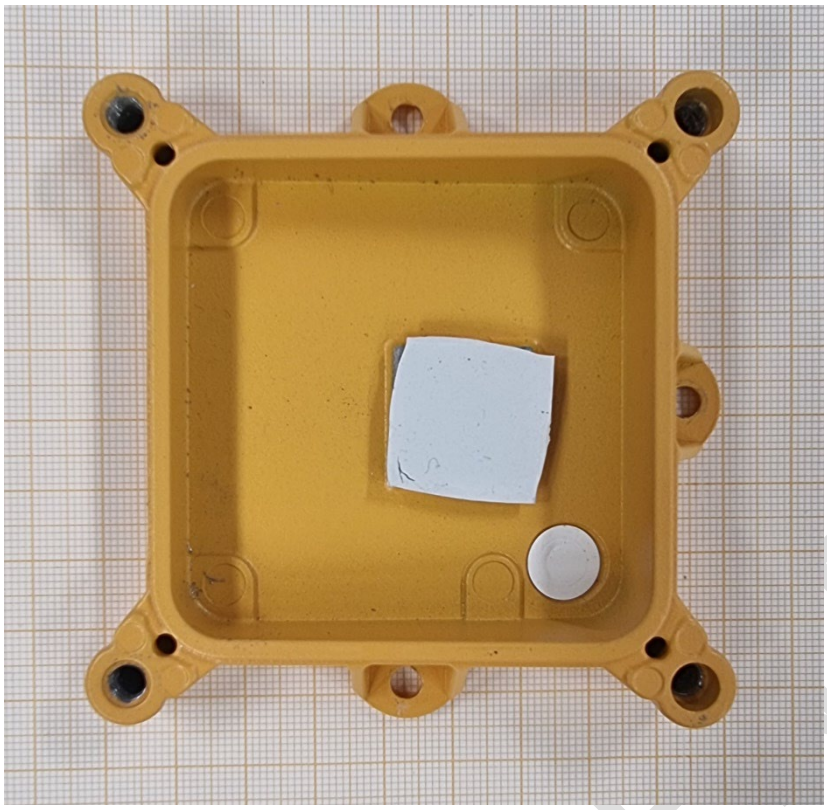


Copyright © SYMEO GmbH 2023

3.4.2 Lower part (Aluminum)



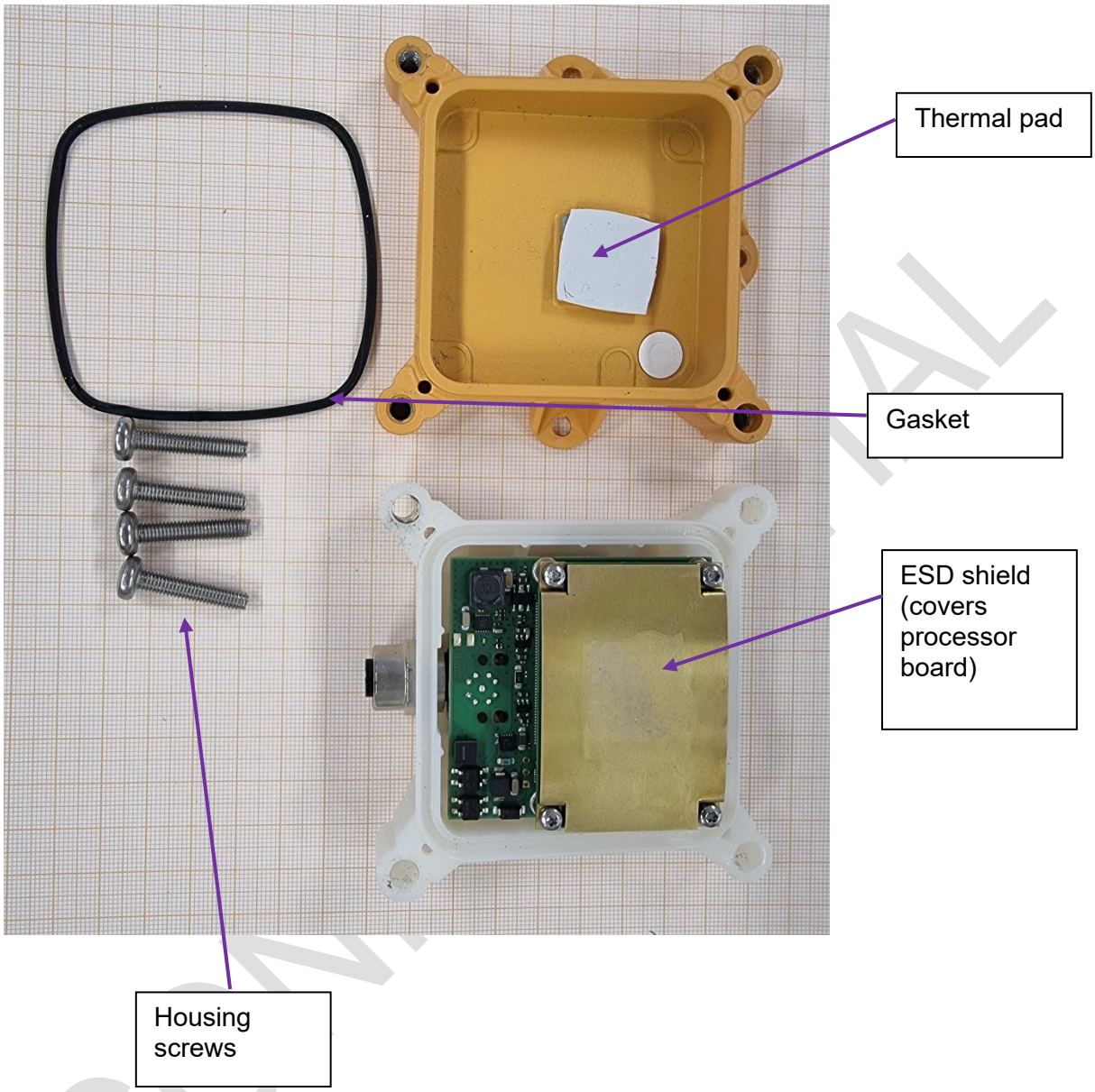
Copyright © SYMEO GmbH 2023



CONFIDENTIAL

Copyright © SYMEO GmbH 2023

3.5 Device Assembly



CONFIDENTIAL

Copyright © SYMEO GmbH 2023