

KBSW180147

- o
- o
- o
- o Robot
 - o Slamware Core Pose
 - o Dimension
- o //(Sensors
- o (LIDAR)
 - o
 - o
 - o
- o (Motion Planning)
- o (Feature
- o (Docking)
- o

SLAMWAREcontrol busSLAMWARE /

1

2SLAMWARE

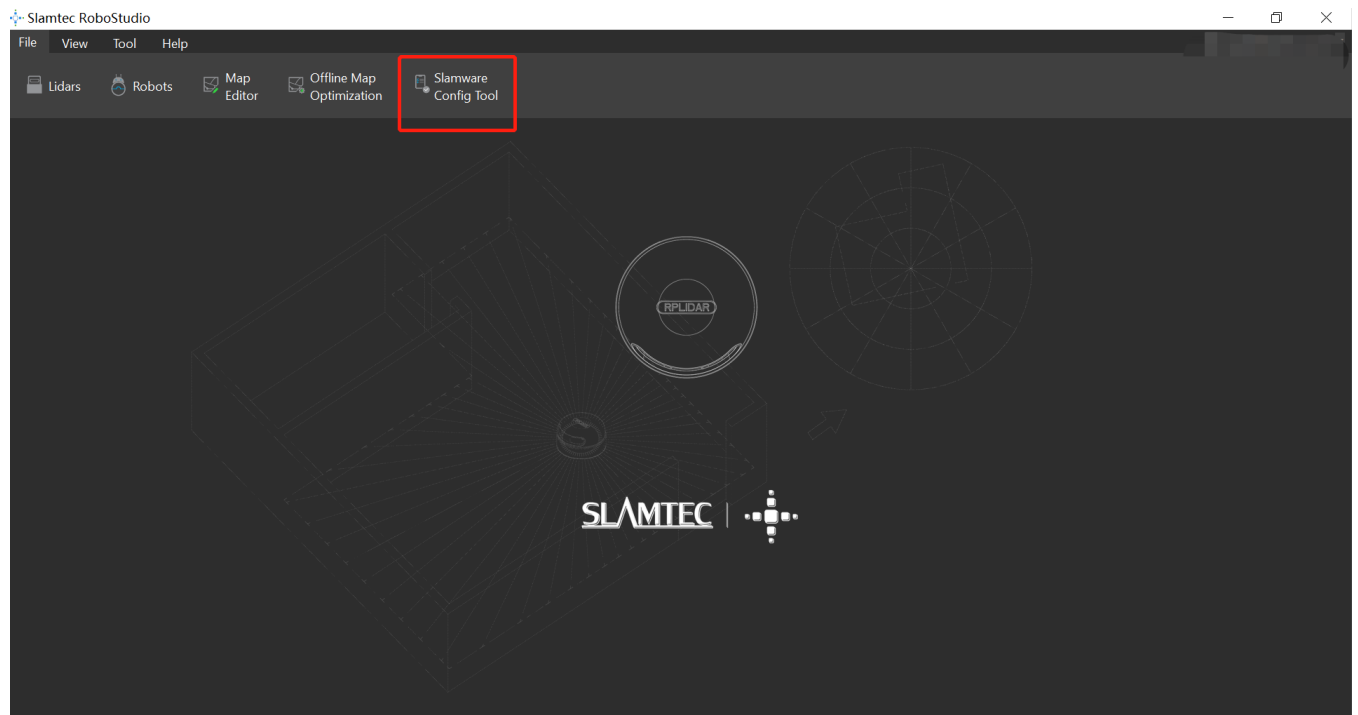
3//

slamware_config_tool

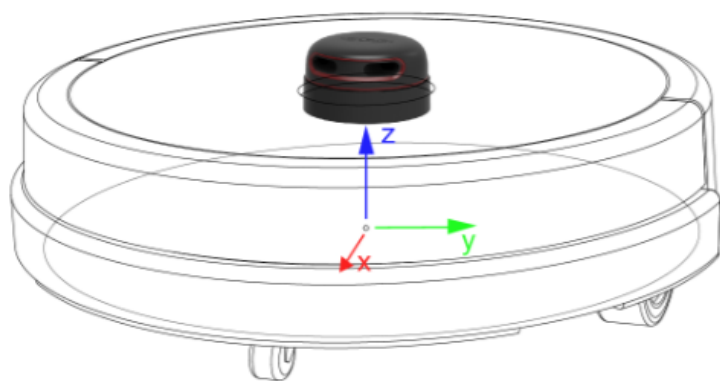
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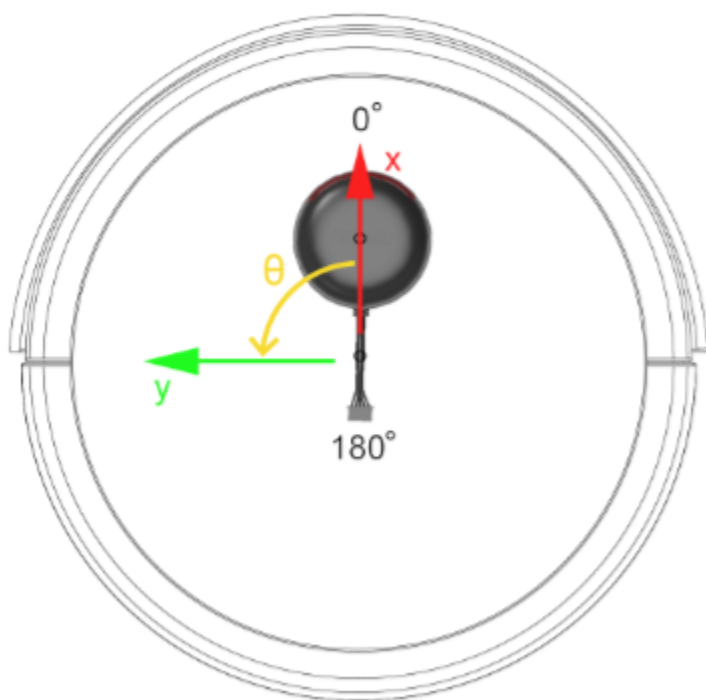




XZXY ZX0



前进方向



Robot

Robot Robot, Slamware Core Pose DimensionRobot

Slamware Config Tool

Operation

Get Binary Confia

Get Robot Confia

Load from File

Save to File

Export Confia

Robot

Sensors

LIDAR

Motion Plan

Feature

Docking

Robot

Manufacture Id255Hex: FF

Manufacture NameSlamtec

Model Id4096Hex: 1000

Model NameSlamware SDP

Hardware Version1

Slamware Core Pose

Slamware Core Yaw (rad)00°

Slamware Core Head Up☒

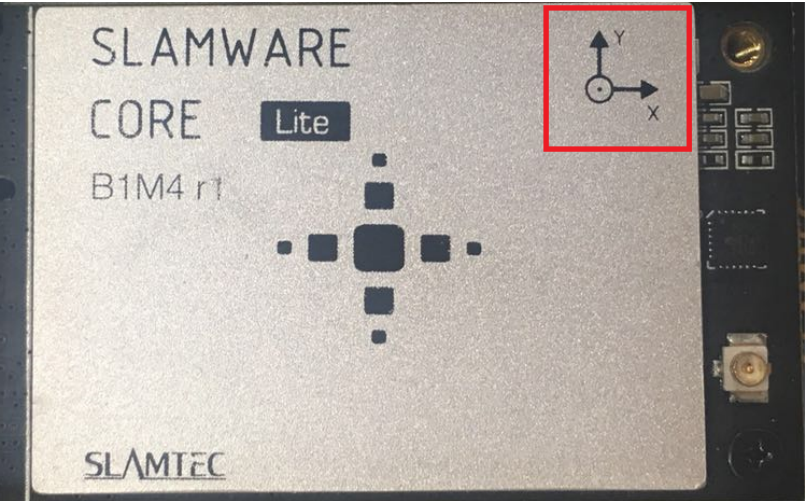
Dimension

Robot Diameter0.3599999999999999936 cm

Robot Wheel Span0.2359999999999999923.599999999999998 cm

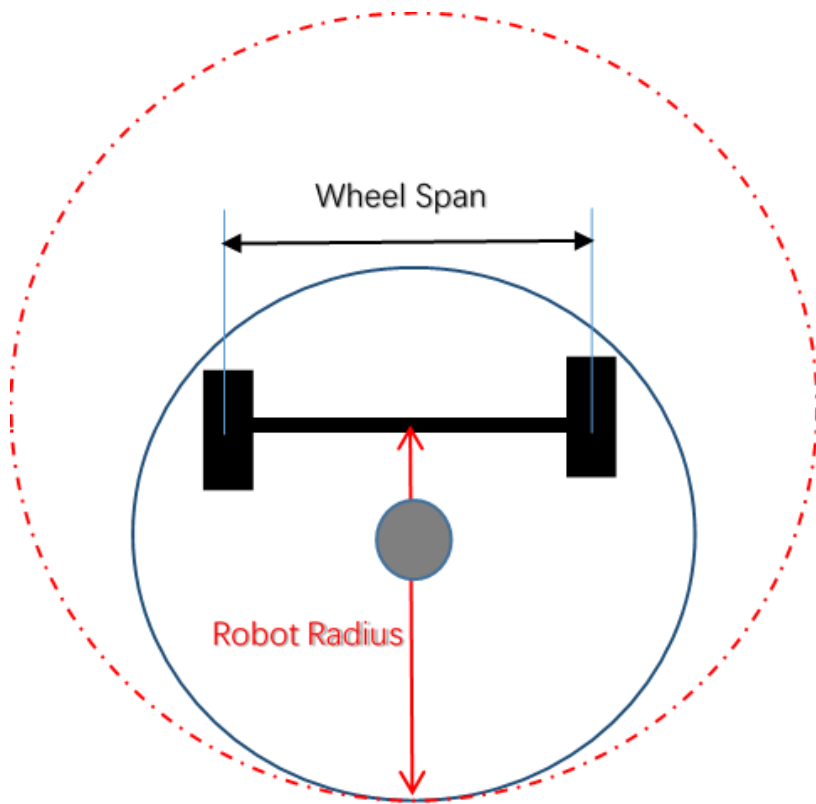
Slamware Core Pose

Slamware configuration ToolRobotSlamwareYawSlamware CoreXX Slamware CoreSlamware Core Head Up



Dimension

Robot Diameter Robot Wheel Span



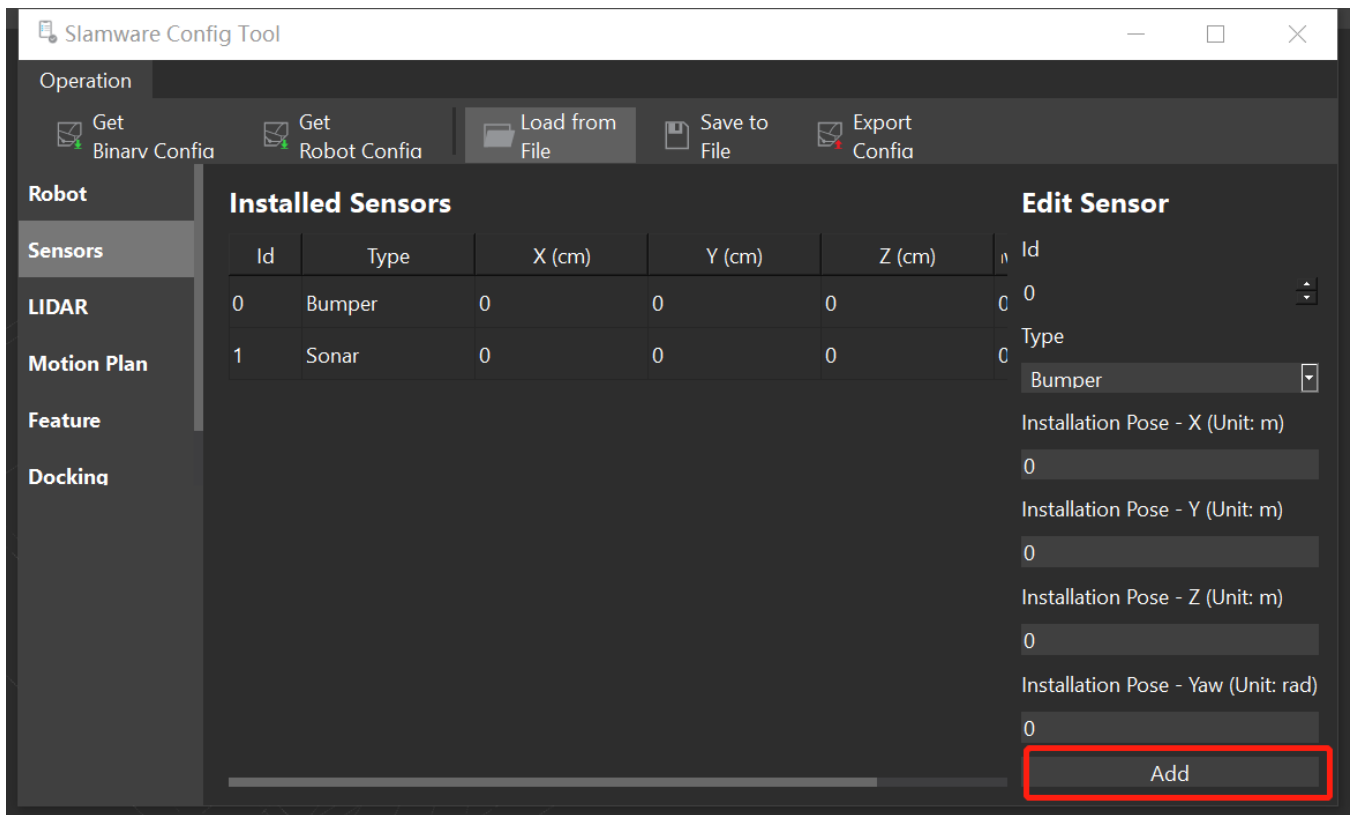
//(Sensors

slamware configuration toolSensorsAdd//



Tip

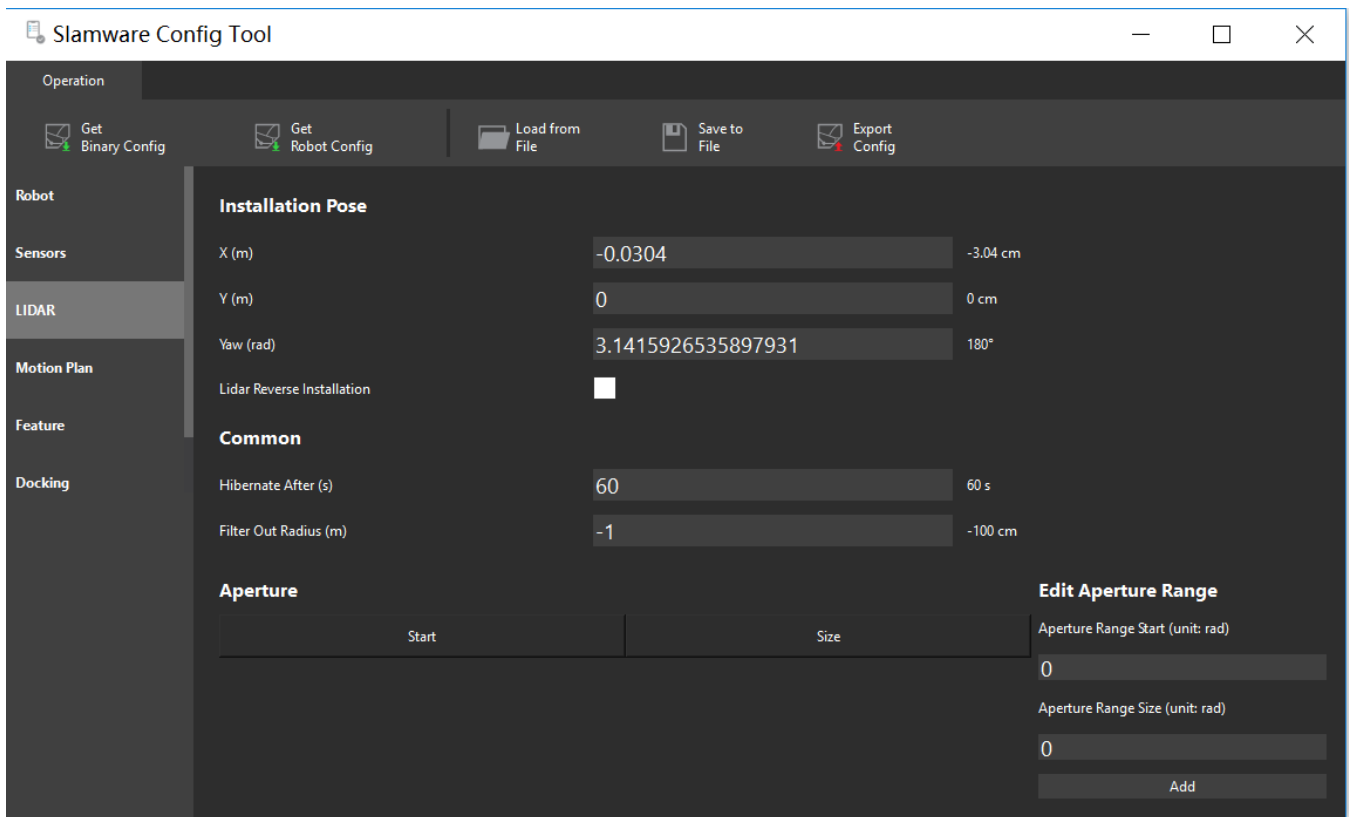
ID ID



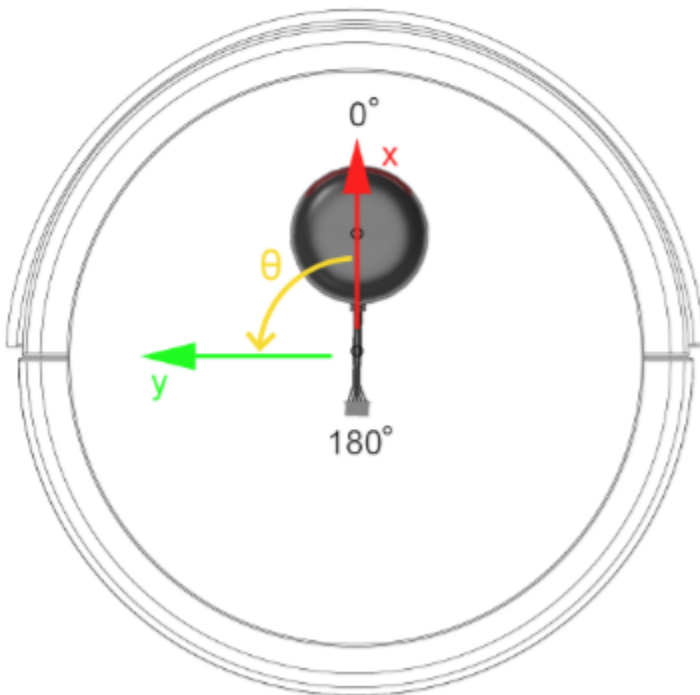
(LIDAR)

Slamware configuration ToolLIDARYawX() yawX

Lidar Reverse Installation



前进方向



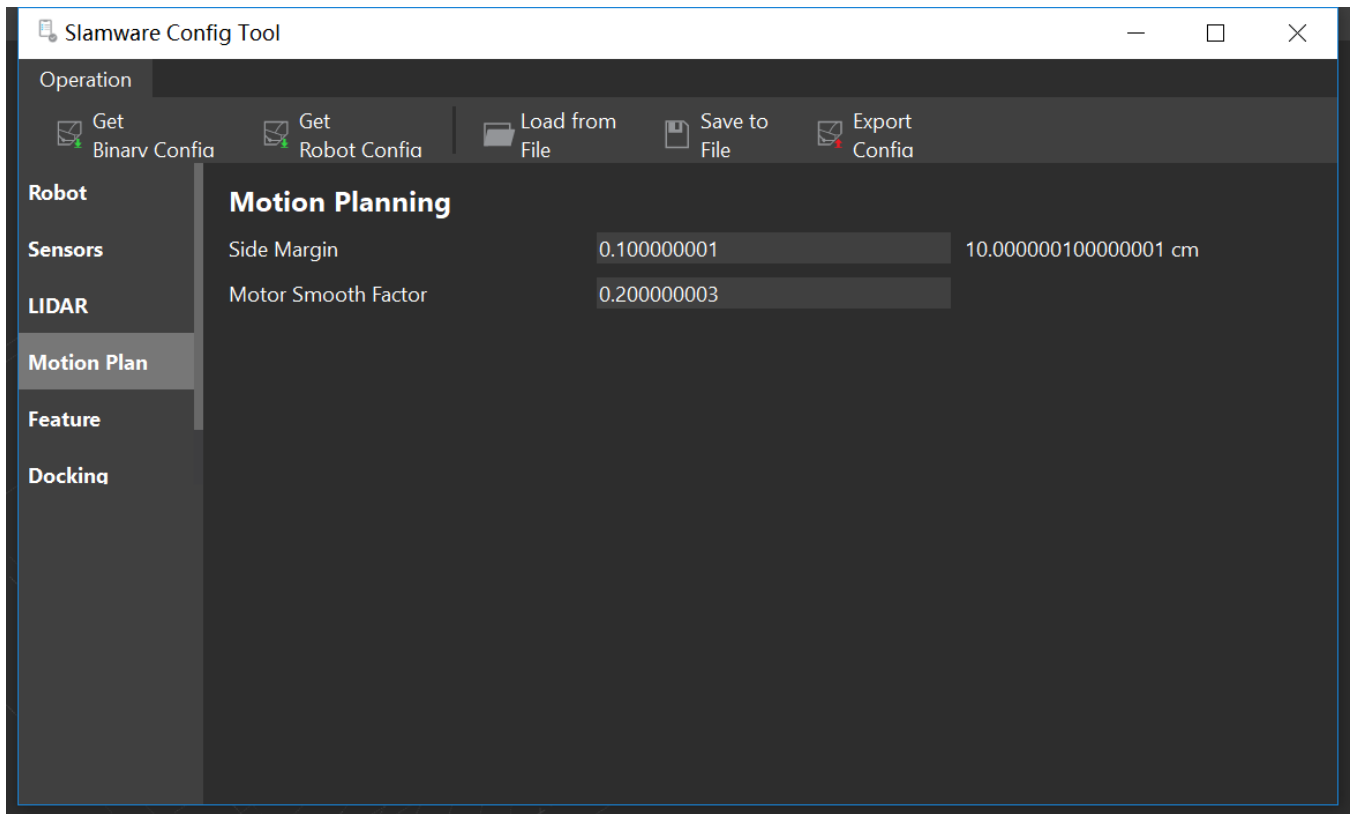
- Hibernate After: 60s60s0.
- Filter Out Radius

220°

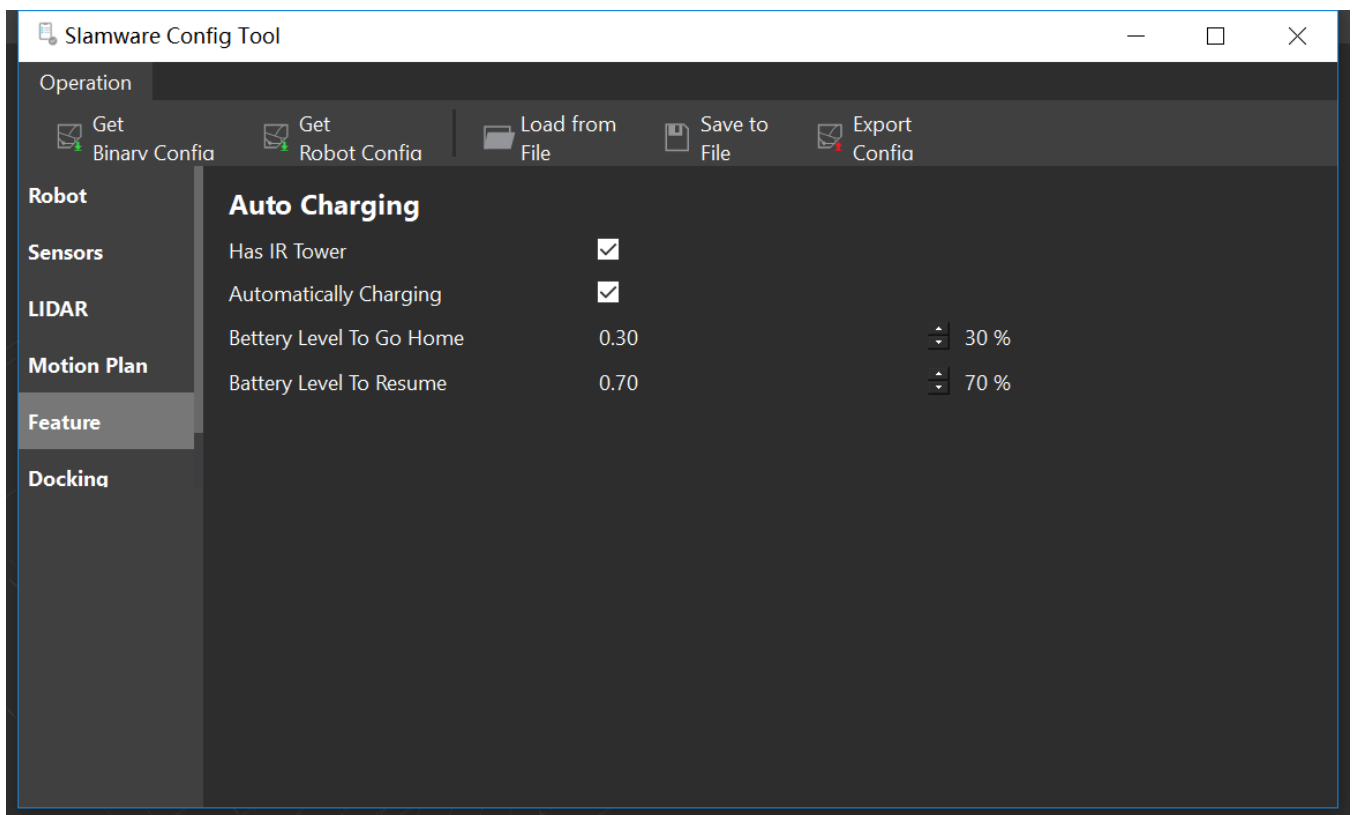
(Motion Planning)

Motion Plan slamware

- Side Margin $\text{side margin} = \text{Robot diameter} + 2 \times \text{side margin}$
- Motor Smooth Factor



(Feature



(Docking)

- Docking Support
- Backward Docking
- Docking Method: `""""KBSW180149 Slamware`
- Landing Offset

Slamware Config Tool

Operation

Get Binary Confia

Get Robot Confia

Load from File

Save to File

Export Confia

Robot

Sensors

LIDAR

Motion Plan

Feature

Docking

Docking

Docking Supported

Backward Docking

Docking Method

Landing Offset

Dock Length

Dock Center Line Length

Dock Depth

Dock Inner Line Length

Dock Side Line Length

IRTower Forward Speed Ratio

IRTower Turn Speed Ratio

Landing Backward Speed Ratio

☒

☒

Laser Pattern

0.6999999999999996

0.280000001

1.20000005

0.0729999989

0.0599999987

0.0515000001

1

1

0.5

70 cm

28.000000100000001 cm

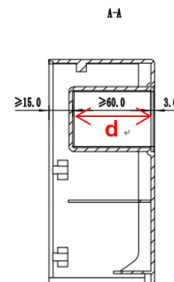
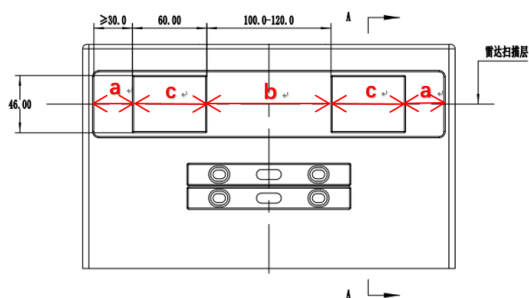
120.00000500000002 cm

7.2999998900000005 cm

5.9999998699999999 cm

5.1500000099999994 cm

- Dock Length:
- Dock Center Line Length:b
- Dock Depth:d
- Dock Inner Line Length:c
- Dock Side Line Length:a



- IRTower Forward Speed Ratio:
- IRTower Turn Speed Ratio:landing offset
- Landing Backward Speed Ratio:

load save Export

1. Load from FilesIconf
2. Save to FilesIconf
3. Export cSLAMTECSDPminisdp_mini.c
4. Get Binary Config:
5. Get Robot Config:

Operation



Get
Binary Config



Get
Robot Config



Load from
File



Save to
File



Export
Config