External *Sensors*

No.	Name	Description
1	GNSS antenna	By receiving data from the Global Navigation Satellite System (GNSS) and performing a differential solution, map coordinates and machine position information are obtained.
2	Binocular camera	1.Boundary segmentation via RGB binocular cameras, combined with GNSS to generate boundary maps. 2. Obstacle type recognition, size identification, and distance detection using RGB binocular cameras.
3	Bumper	Hall trigger for sensing the presence of obstacles through
4	Side cameras	Type recognition, size identification, and distance detection of side obstacles using RGB binocular cameras.

Network Interface and network service

Note: The No.3 to No.6 only applicable to charging station that has WIFI function.

No.	Name	Default	Description
1	4G (Lawn Mower)	OPEN	Used to connect to network through 4G
2	TCP58867(Lawn Mower)	OPEN	For LAN communication with APP.
3	WIFI (Charging station)	OPEN	1.Users use this interface to configure the network of charging staion through AP. 2.The charging staion needs to use this interface to connect user home WIFI.
4	AP service (Charging station)	OPEN	1.Configure the network of charging staion through AP. 2.Provides Wi-Fi boosting function
5	DHCP service (Charging station)	OPEN	Used by AP function, to assign IP.
6	TCP22063 (Charging station)	OPEN	For LAN communication between the charging station with lawn mower.