

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

No.	Name	Default	Description
1	4G	OPEN	Used to connect to network through 4G
2	TCP58867	OPEN	For LAN communication with APP.