



수송 플랫폼

This card can be used in bottom level.

이동 제어

동작부 제어

센서 정보

보조지상 플랫폼

This card can be used in bottom level.

이동 제어

동작부 제어

센서 정보

보조 지상플랫폼 고정부(전)

열림

닫힘

보조 지상플랫폼 고정부(후)

열림

닫힘

보조 공중플랫폼 고정부

열림

닫힘

FAN

켜기

끄기

상하차 장치

상차위치로
이동

하차위치로
이동

이동위치로
이동

수송플레이트
열림

수송플레이트
닫힘

중지

수송 플레이트
수동 이동

상차

하차

LED ON / OFF 토글

1

2

3

4

전체 동작부

전체 동작부
중지 및 끄기

자체 조종기 cmd_vel



```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (2:BIGINT) <- [14093]
```

자체 조종기 cmd_vel



```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (2:BIGINT) <- [14093]
```



전방 LED

켜기

끄기

FAN

켜기

끄기

플랫폼 cmd_vel



```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (2:BIGINT) <- [14093]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (3:BIGINT) <- [49818]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
```

자체 조종기 cmd_vel



```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (2:BIGINT) <- [14093]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (3:BIGINT) <- [49818]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192]
org.hibernate.orm.jdbc.bind      : binding parameter (4:ENUM) <- [publish]
```

센서

플랫폼 cmd_vel

IMU

주간 카메라

IP 카메라

3D 라이다

보조지상 수납부

보조공중 수납부

IP 카메라 cmd_vel



```
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (1:BIGINT) <-
[10178]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (2:BIGINT) <-
[14093]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (3:BIGINT) <-
[49818]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (4:ENUM) <-
[publish]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (4:ENUM) <-
[publish]
```

IP 카메라 cmd_vel - 2



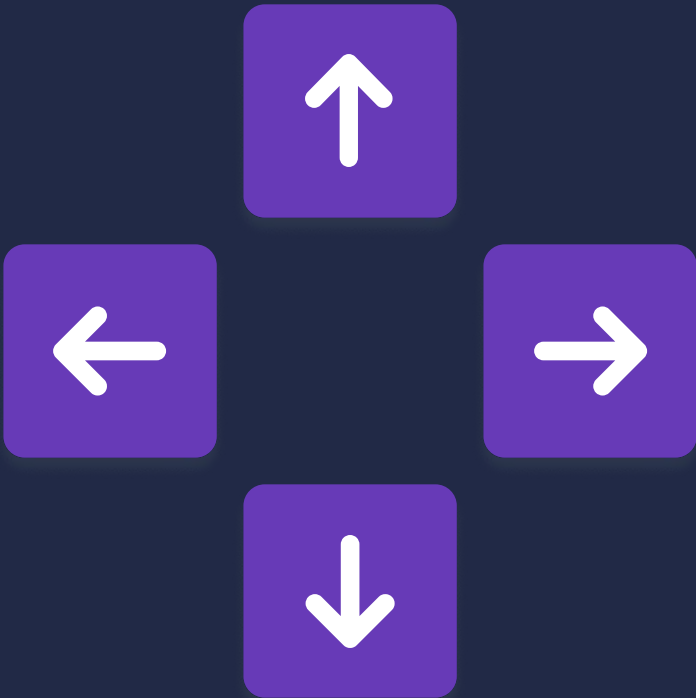
```
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (1:BIGINT) <-
[10178]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (2:BIGINT) <-
[14093]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (3:BIGINT) <-
[49818]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (4:ENUM) <-
[publish]
2024-09-11T12:15:10.333+09:00
TRACE 20843 --- [jajakjajak-api]
[cat-handler-192]
org.hibernate.orm.jdbc.bind      :
binding parameter (4:ENUM) <-
[publish]
```

IP 카메라 영상



방향제어

각 방향으로 cmd_vel: 0.1 씩 증가



정지

자체 조종기 cmd_vel

```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (2:BIGINT) <- [14093]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (3:BIGINT) <- [49818]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
```

자체 조종기 cmd_vel

```
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (1:BIGINT) <- [10178]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (2:BIGINT) <- [14093]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (3:BIGINT) <- [49818]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
2024-09-11T12:15:10.333+09:00 TRACE 20843 --- [jajakjajak-api] [cat-handler-192] org.hib
binding parameter (4:ENUM) <- [publish]
```