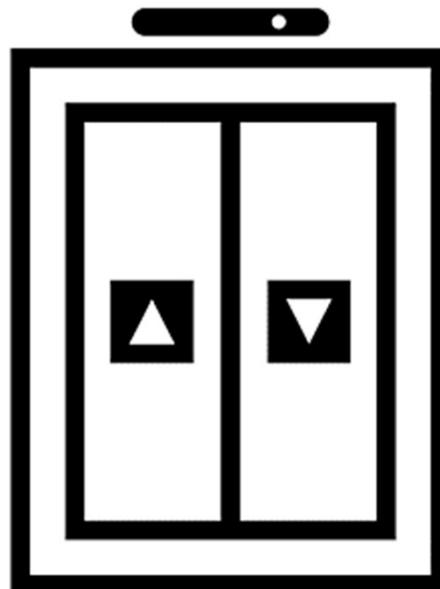
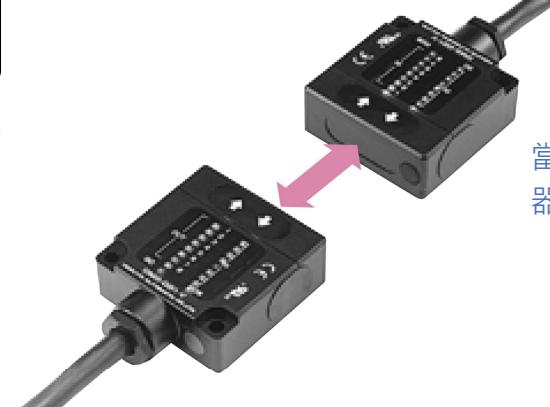
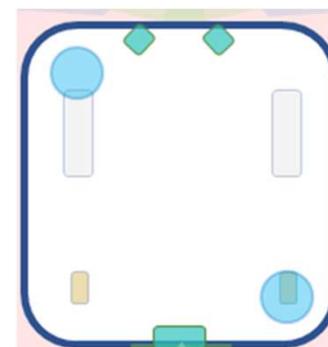
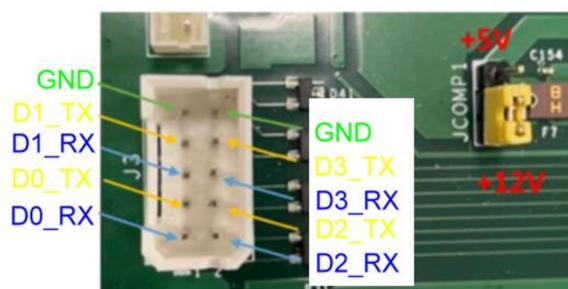


進出電梯過程中不能保證有人為干擾仍
可以正常工作



電梯 IO
D0_RX D0_TX
D1_RX D1_TX
D2_RX D2_TX
D3_RX D3_TX

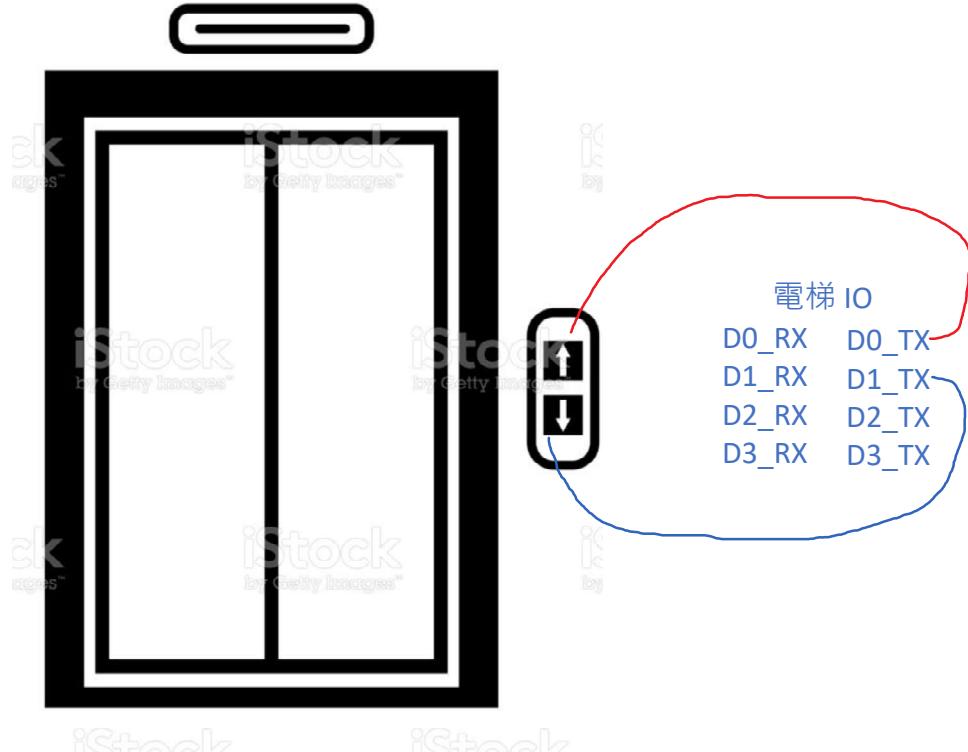


當AMR到定位對準電梯接收
器才開始交換IO狀態

AMR IO
D0_RX D0_TX
D1_RX D1_TX
D2_RX D2_TX
D3_RX D3_TX

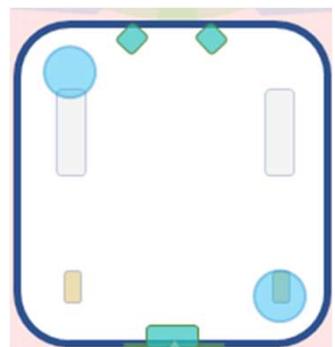
RF IO 元件

<https://www.hokuyo-aut.jp/search/single.php?serial=194>



AMR準備進電梯:

1. AMR到達電梯前方指定位置後
2. 控制電梯 IO :
- D0_TX 接在 電梯的上樓按鍵
- D1_TX 接在 電梯的上樓按鍵
3. 直到電梯門開啟後 AMR 會主動進入電梯廂並停妥
4. 讀取所要到達樓層圖資
5. 在電梯內進行重新定位

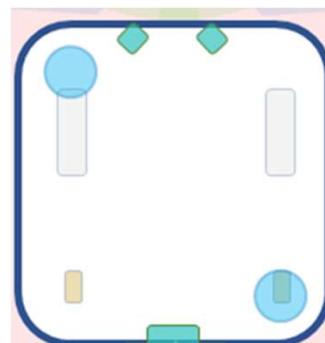
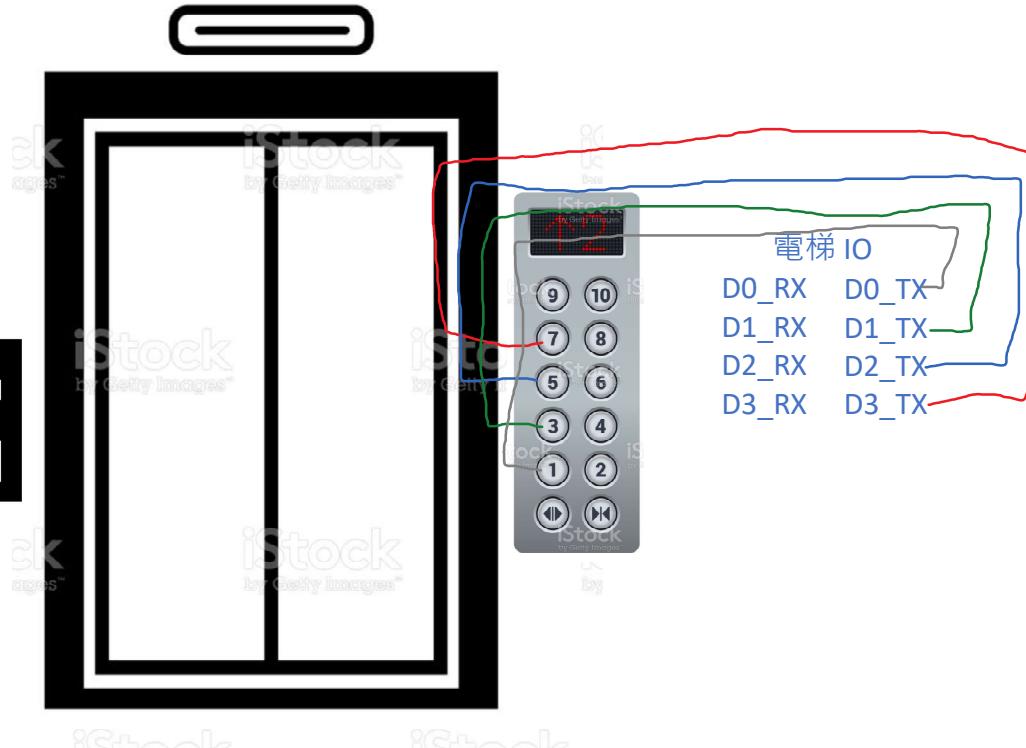


AMR IO

D0_RX	D0_TX
D1_RX	D1_TX
D2_RX	D2_TX
D3_RX	D3_TX

AMR在電梯內:

1. 指定要到達的樓層透過 IO
2. 當電梯門打開AMR到達樓層執行出電梯行為。(當所到樓層後電梯門打開後，AMR看到TAG後就會得知目前樓層是否到達)



AMR IO	
D0_RX	D0_TX
D1_RX	D1_TX
D2_RX	D2_TX
D3_RX	D3_TX

AMR在電梯內 當電梯門打開時影像所看到的畫面



