

# **Merit LILIN Application Note**

#### Fault Tolerance for LPR

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Dep't.: Technical Support, Taipei

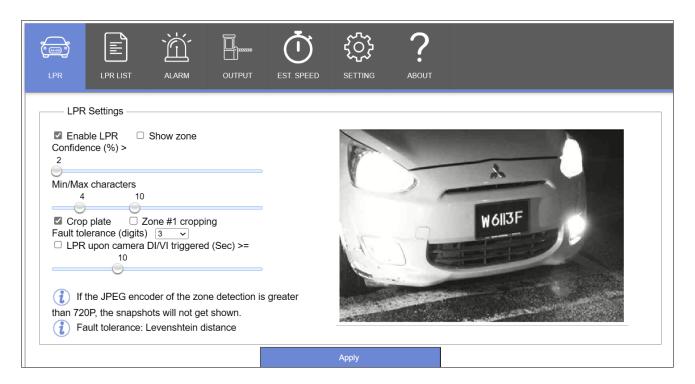
If you would like to generate accurate number plate digits with less digit outputs, please enable "Fault tolerance" feature. Please also enable the LPR setting at Setting tab.

Fault tolerance (digits) = 2 # of same plate detection >= 3 Same plate detection dwell (Sec) >= 2

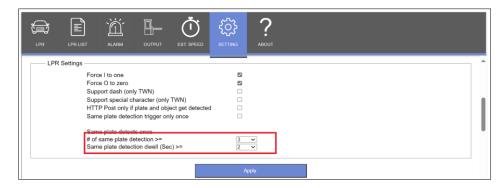
For the example above, the LPR camera will count the occurrences of same license plates with in 2 seconds for three times with the fault tolerance (Fault tolerance) two digits.

Time	License plate
0.1 sec.	ABC1234
0.2 sec.	ABC12
0.3 sec.	BC123
0.4 sec.	ABC1234
0.5 sec.	ABC1234

Event the dwell time is set 2 sec., the LPR camera will output "ABC1234" if the same license plate occurrences reach three times. This is good for the parking gate application for opening the gate as quick as possible.



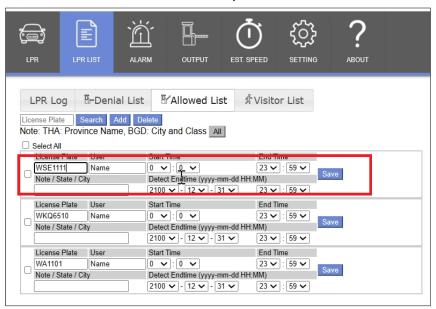




### Allowed List & Fault tolerance

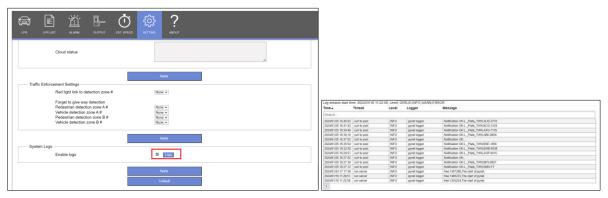
If the Fault tolerance feature is enabled, the allowed list is set. If there is a wrong license plate, HTTP post and metadata get substituted with the license plate in the allowed list.

For example, a license plate WSE1111 is set in the allowed list. At runtime, the license plate Al camera detects the license plate as "WSE11", HTTP post and the metadata will substituted with the allowed record, "WSE1111" for accurate license plate.



### **HTTP & Log System**

To verify the license plate via HTTP Post, click on "Log" button to see the post result.



## Contact

Contact http://lilin.zendesk.com for technical support.

For more information, visit www.meritlilin.com.