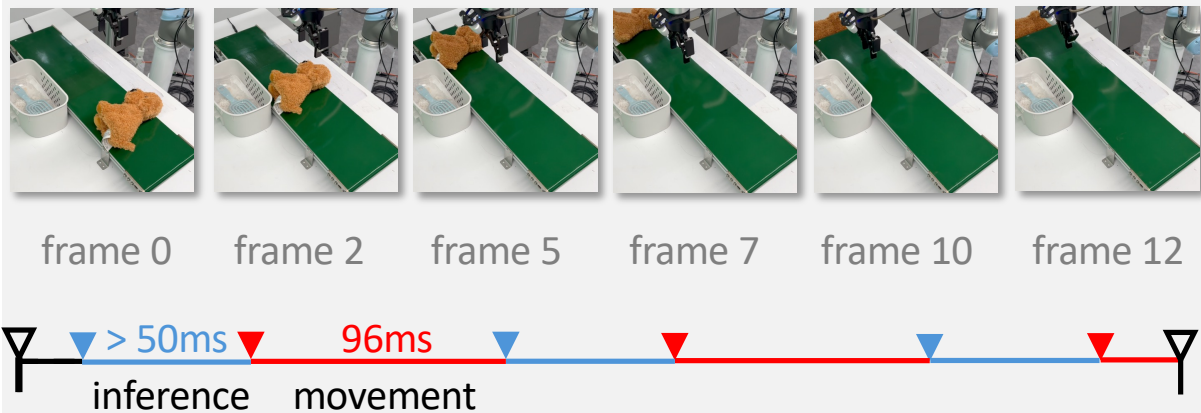
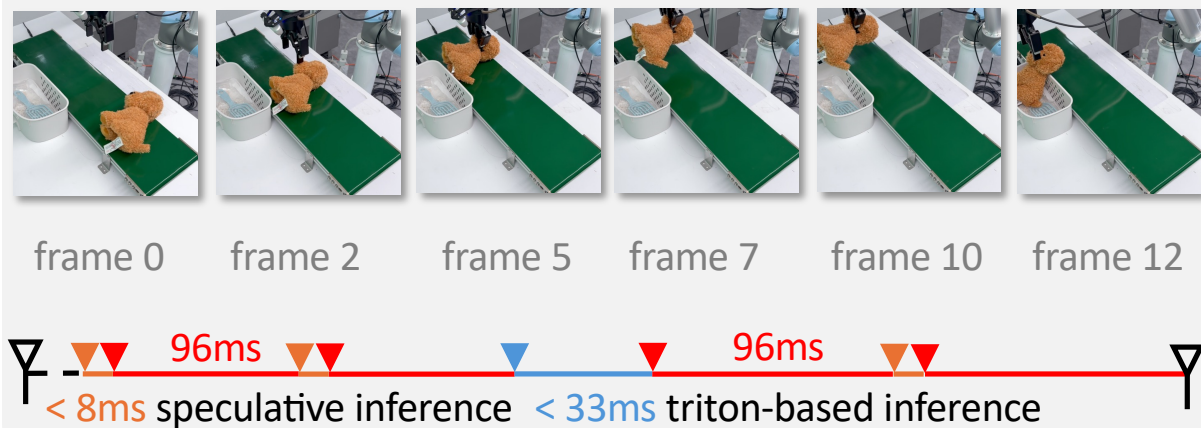


(a) Sync inference : **Failure**



(b) Realtime-VLA **FLASH** : **Success**



(c) **Speculative Inference** ⚡

Observation & Learned Action

Draft Model

α_1 α_2 α_3 α_4 α_5 α_6 α_7

Action Expert

$\hat{\alpha}_1$ $\hat{\alpha}_2$ $\hat{\alpha}_3$ $\hat{\alpha}_4$ $\hat{\alpha}_5$ $\hat{\alpha}_6$ $\hat{\alpha}_7$

T_1 ✓ ✓ ✓ ✓ ✓ ✓ ✗

T_2 ✓ ✓ ✓ ✓ ✓ ✗ ✗

α_1 α_2 α_3 α_4 α_5 α_6 α_7

