Task-specific fixation sequence (*e.g., Braking*)

$(s_{T-\tau-1}, a_{T-\tau-1})$ (s_i, a_i) (s_{i+1}, a_{i+1}) (s_τ, a_τ)

$I_{T-\tau-1}$ ... I_i I_{i+1} ... I_τ

I

Visual Module

Driving Module

Attention Module

Visual Attention Allocation at I_τ

Instance segmentation

Semantic segmentation

Light Detection

Depth estimation

Lane Detection

Driving mask

Eye Fixations