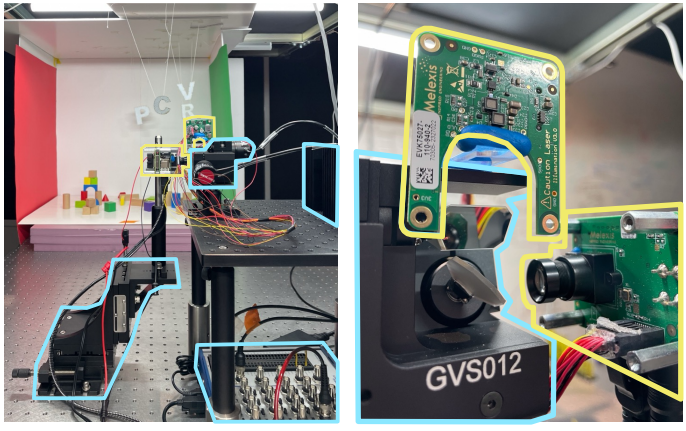
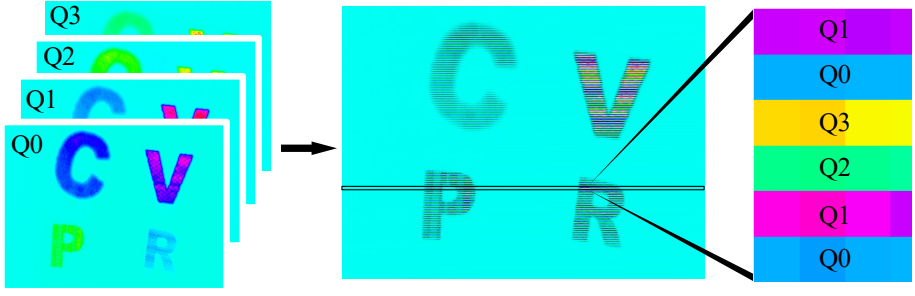


a. hardware setup



b. emulation method