



Figure 1. IR and optical imaging of J2323-0100, one of the four Extremely Red Quasar ERS targets. WISE (*top left*), SDSS (*bottom left*) with zoom-in (*bottom center*) and new HSC imaging (*bottom right*). The UV-rest frame spectrum (from Hamann et al. 2017) is given in the top right. Emission lines are labelled at positions marked by dashed blue lines. Note the unusual line flux ratios e.g., $N\ V > Ly\alpha$ and large $N\ V / C\ IV$. The orange and magenta curves show our fits to the continuum, and the C IV and N V emission lines, respectively. The redshift and other measured properties are also given.